

# Shop Supplies

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# WE KNOW MRO



## TAPE — ELECTRICAL

### PLASTI DIP® LIQUID ELECTRICAL TAPE

Color	Net Contents	Part No.
Red	4 fl. oz. (118 ML)	F4212
Black	4 fl. oz. (118 ML)	F41070

- An air-dry, synthetic rubber coating with applicator brush in cap
- Will not unravel like tape or crack, harden or peel
- Exhibits excellent moisture, acid, alkaline, abrasion, and dielectric resistance.
- Can be used to seal, insulate, protect, and color code connections
- Remains flexible even under extreme conditions
- **Applications:** Electrical connections and components for boats, trailers, RVs, auto and trucks, timers, outdoor wiring, repair damaged extension cord casings, instruments, computers, circuit boards, switches, accessory light connections and more.



### SCOTCH® SUPER 33+™ VINYL ELECTRICAL TAPE

Size	3M Part No.	Part No.
3/4" x 20'	06130	F41225
3/4" x 66'	06132	F4733
3/4" x 52'	06133	F4611

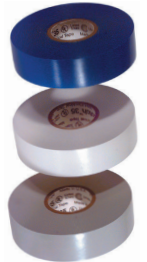
- The first and only 7-mil "one tape for all jobs"
- It wraps and holds in all weather and will continue to perform in sub-zero temperatures or in continuous temperature environment up to 220°F (105°C)
- Conforms remarkably well
- Resistant to oil, water, wear, chemicals and solvents
- Voltage Range: up to 600v
- Flame Retardant



### SCOTCH® 35 VINYL ELECTRICAL TAPE FOR COLOR CODING 35

Size	Color	3M Part No.	Part No.
3/4" x 66'	Blue	10836	F41005
3/4" x 66'	Brown	10885	F4403
3/4" x 66'	Gray	00072	F4811
3/4" x 66'	Green	10851	F41084
3/4" x 66'	Orange	10869	F41499
3/4" x 66'	Red	10810	F4281
3/4" x 66'	Violet	10271	F41567
3/4" x 66'	White	10828	F4655
3/4" x 66'	Yellow	10844	F4652

- Suited for all-weather conditions
- Excellent electrical insulating
- **F24830** - colored tape assortment 1 roll of each color



4

### SCOTCH® VINYL PLASTIC ELECTRICAL TAPE SUPER 88

Size	3M Part No.	Part No.
3/4" x 66'	06143	F4955

- Suited for cold weather applications
- Remains flexible



### ELECTRICAL TAPE

Size	Part No.
3/4" x 66'	F4721
1" x 66'	F477

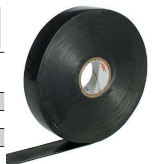
- 7 Mil Thickness
- Pressure Sensitive
- Resistant to sun, water, oil, acids, alkalies and corrosive chemicals
- UL Approved
- **Temperature rating:** Max 176°F (80°C)
- **Uses:** General splicing or as a protective outer jacket



### 3M™ RUBBER SPLICING TAPE 130C

Size	3M Part No.	Part No.
3/4" x 30'	41717	F4881
1" x 30'	41753	F4806
1-1/2" x 30'	41718	F41524

- Self-bonding ethylene propylene rubber (EPR)
- Linerless, highly conformable
- Weather resistant
- **Temperature rating:** 90°C continuous operation 130°C intermittent
- Use for low and high voltage applications (through 69 kV)



### 3M™ TEMFLEX™ VINYL ELECTRICAL TAPE 165

Size	3M Part No.	Part No.
3/4" x 60'	69254	F44807

- Flame retardant and weather resistant
- **Voltage Range:** up to 600V
- **Temperature Range:** up to 194°F



### ALL WEATHER INSULATING TAPE

Size	Color	Part No.
3/4" x 66'	Black	F4790

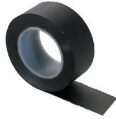
- 7 Mil Thickness
- Highly resistant to sun, water, oil, acid, alkalines, corrosive chemicals
- UL Approved
- **Temperature rating:** Max. 176°F (80°C)



### TAPES — ELECTRICAL (continued)

#### COLD SHRINK TAPE

Color	Size	Part No.
Black	1" x 10'	F4260
Black	1" x 30'	F4153



- Self-amalgamating ethylene propylene rubber (EPR) "welds" itself chemically and mechanically to form a watertight skin
- Resists abrasion, impact, sunlight, ozone and most chemicals
- Requires no heat or flame
- **Temperature Range:** -40°C to 100°C and 130°C intermittently
- **Dielectric Strength:** 36 KV/mm

##### Uses

**Automotive:** Insulate battery terminal ends and starter ends to prevent shorting and corrosion.

**Industrial:** Insulate power cables up to 69KV, waterproof telecommunications cable above or below ground, wrap metal pipework for corrosion protection.

##### Directions

1. Strip back film and stretch tape to reduce its width by between 1/3 or 1/2.
2. Keep tape under tension and wrap, overlapping each wrap by 50% until desired buildup of insulation is achieved.
3. Finish wrapping by holding the tape under thumb and snap by stretching.

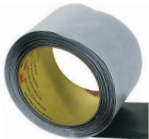
#### 3M™ CLOTH FRICTION TAPE



Size	3M Part No.	Part No.
3/4" x 60'	50218	F4325
2" x 60'		F4563

- Used for sealing low voltage splices
- Excellent abrasion resistance

#### SCOTCH® ELECTRICAL MOISTURE SEALANT TAPE



Size	3M Part No.	Part No.
2-1/2" x 10'	06147	F4776

- Quick and easy method of moisture-proofing electrical connections
- Protects against vibration, road grime and abrasion

#### WRAP 'N SEAL SELF-FUSING SILICONE TAPE

Color	Part No.
Black	F41674
Red	F41336



- 1" x 20' roll
- Self-adhering silicone tape has no adhesive and leaves no sticky residue
- Fuses and cures to itself within 24 hours to form a permanent moisture tight seal
- Excellent choice for high temperature applications
- **Thickness:** .002"
- **Operating Temperature:** -65°F to +500°F
- **Dielectric Strength:** 400 volts per mil (vpm)
- **Tensile Strength:** 700 PSI
- **Elongation:** 300%
- Meets MIL-I-46852C Type I and II

#### SELF-FUSING TAPE

Thickness	Color	Part No.
20 mil.	Gray	F41677

- 1" x 12 yd. roll
- Silicone rubber tape provides an insulative barrier that is resistant to moisture, ozone and cozona
- **Temperature Range:** -65°F to 500°F



#### SELF-FUSING SILICONE TAPE

Thickness	Color	Part No.
0.030	Red	F44185

- 1" x 36 yd. roll
- Flexible – Fits irregular shapes
- Withstands -65°F to 500°F
- Excellent Dielectric strength
- Low Profile and Aesthetic
- Contains No Glues or Adhesive
- Excellent Resistances



#### SCOTCH® GLASS CLOTH TAPE 27



Size	Color	3M Part No.	Part No.
3/4" x 66'	White	15074	F41639

- 7 Mil Thickness
- Pressure-sensitive rubber thermosetting adhesive
- Excellent tensile (150 lb/in) and dielectric strength (3000 volts)
- **Temperature rating:** 266°F (130°C)
- **Applications:** Insulating electric and induction furnace power supply leads, splicing wire that is rated at 130°C, securing systems requiring high mechanical strength and resistance to high temperatures, insulating motor lead connections, switches and controls for furnaces and ovens, reinforcing insulation in electrical installations where heavy loads cause high heat and breakdown of original insulation (e.g., motor leads and switches)

#### SCOTCH® FIRE RETARDANT ELECTRIC ARC PROOFING TAPE 77

F4585



- 3" x 20' roll
- Designed to protect all types of electric cables where exposed to potential failures of other high voltage cables or exposed to other high energy cables
- Extremely conformable, easily wraps irregular shapes
- Provides fault arc protection to adjacent wrapped cables and accessories
- Self-extinguishing, will not propagate flame
- Non-corrosive to metallic cable sheaths and compatible with synthetic cable jackets (i.e. semiconducting URD type, polyethylene, PVC, etc.)
- Resistant to water, salt water, acids, sewage, and ultraviolet light
- **Thickness:** 30 mils (.030")
- **Color:** Black

## TAPE — MASKING

### PAINTER'S MASKING TAPE

Size	Part No.
3/4" Wide x 60 Yards	F41694
1" Wide x 60 Yards	F4372
1-1/2" Wide x 60 Yards	F4956
2" Wide x 60 Yards	F41222

- High heat range (275°F) allows for expansion under heat without lifting
- Highly conformable; easily applied to curved surfaces
- Strong adhesive bonding force to surfaces or to itself, yet strips cleanly and easily



### SCOTCH® AUTOMOTIVE REFINISH MASKING TAPE 233+

**3M**

Size	3M Part No.	Part No.
3/4" x 60 yards	26334	F4631
1" x 60 yards	26336	F470
1-1/2" x 60 yards	26338	F41019
2" x 60 yards	26340	F41037

- High performance tape designed to meet the needs of today's collision repair shops
- Highly conformable, improved adhesive transfer resistance
- Provides outstanding paint lines and a controlled, consistent unwind
- Consistent performance under a variety of climactic conditions
- **Color:** Green



### SCOTCH® PLASTIC TAPE 471 — BLUE

**3M**

Size	3M Part No.	Part No.
1/8" x 36 yards	06404	F4407
1/4" x 36 yards	06405	F41427

- Uniquely constructed vinyl backed tape offers outstanding paint line definition
- Superior holding power
- Packaged in individual poly bags

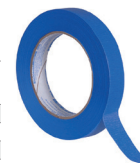


### SCOTCH® LONG MASK™ MASKING TAPE 2090

**3M**

Size	3M Part No.	Part No.
3/4" x 60 yards	06817	F41087
1" x 60 yards	06818	F41403
1-1/2" x 60 yards	06819	F4452
2" x 60 yards	06820	F4960

- Designed for short-term vehicle storage applications
- Synthetic adhesive system provides UV stability and adhesive transfer resistance for up to seven days after application
- Controlled crepe paper backing makes tape conformable and smooth for use when masking around damaged window, door and trunk openings
- **Color:** Blue



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### 3M™ GENERAL PURPOSE MASKING TAPE 200

Size	3M Part No.	Part No.
1" x 60 yards	71180	F4831
2" x 60 yards	71177	F4653
3" x 60 yards	71176	F4302

- Utility grade paper masking tape
- Use for non-critical masking, sealing, and holding applications
- Not recommended for paint masking



### 3M™ DOOR APERTURE REFINISH TAPE (D.A.R.T.)

**3M**

Size	Roll Size	3M Part No.	Part No.
12mm (1/2")	54.6 yds. (50 meters)	06297	F41061

- Soft edge foam masking tape
- Designed to be used in masking door jams, hood or deck lid openings or other areas of a vehicle which need to be sealed during the painting operation
- Provides a "soft edge" to prevent tape lines in the jam areas



## TAPE — AUTOBODY TAPES & SUPPLIES

### WRECK WRAP

Size	Part No.
36" x 100'	F4457

- Protects vehicle interior from rain, wind, snow, dirt, etc.
- Adheres to any clean, dry surface – glass, metal, plastic and interior surfaces & fabric
- Can easily be peeled off without leaving any adhesive behind
- Can also be used for vehicle & sign transport protection and over-spray protection on building/home & glass



### 3M™ SEAM SEALER TAPE

**3M**

Size	3M Part No.	Part No.
3/8" x 30' roll	08475	F4108
7/8" x 30' roll	08476	F41426

- Self-adhering
- Directly and immediately paintable
- Designed to duplicate factory appearance on hem flanges, door jams and trunk gutter applications



# SHOP SUPPLIES

## 1 Tapes

### TAPES — AUTOBODY TAPES & SUPPLIES (continued)

#### SURFACE PROTECTION TAPE

Size	Part No.
2" x 60 yards	F4169

##### DURING ASSEMBLY

- Rework or cleaning can be avoided if interior surfaces are protected
- Suitable for rough surfaces due to the high adhesive level
- Standard polypropylene tape
- **Color:** Ivory



#### ANTI-ABRASION TAPE - RED

F41439

- **2" X 55yd**
- Protects against over-sanding and scratching of body panels during paint prep
- Eliminates costly repaints
- More durable than masking tape
- Will not leave glue residue when removed



#### TRIM LIFTING TAPE

F41143

- A specially designed masking tape with a flexible, clear plastic edge used for masking around wind shields, tail lights and sunroofs
- 10m long
- 10mm wide clear plastic strip
- Perforated every 2 inches for easy tear off

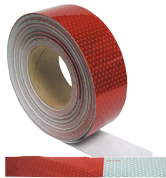


### TAPE — SAFETY

#### REFLEXITE® DOT CONSPICUITY (REFLECTIVE) TAPE

Size	Style	Part No.
2" x 150' Roll	Alternating 7" White and 11" Red Stripes	F41454
2" x 150' Roll	Alternating 6" White and 6" Red Stripes	F4323
2" x 150' Roll	Solid White	F454
2" x 18" Strip	7" White and 11" Red Stripes	F41198
1" x 150' Roll	School Bus Yellow Solid Yellow	F84356
2" x 150' Roll	School Bus Yellow Solid Yellow	F84076

- **Enhanced daytime color** - Exceeds all minimum requirements for school bus conspicuity tape
- **Impact resistant** - maintains photometric performance after impact - maintains conspicuity after collision or years of wear
- **Easy to apply** - thin and flexible with 100% adhesion. Superior durability withstands high pressure washing and resists edge lift
- **OEM preferred** - can be riveted; no edge sealing required

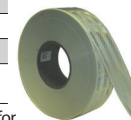
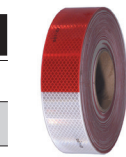


#### 3M™ CONSPICUITY (REFLECTIVE) TAPE

Size	Style	3M Part No.	Part No.
2" x 150 ft. Roll	Alternating 11" Red and 7" White Stripes	67533	F82197
2" x 150 ft. Roll	Alternating 6" Red and 6" White Stripes	67535	F82774
2" x 18" Strip	11" Red and 7" White Stripes	67635	F83859
2" x 150 ft. Roll	Red	67816	F44290
2" x 150 ft. Roll	White	67537	F83921
2" x 150 ft. Roll	Alternating 18" Red and White	67636	F8959

- Designed to mark the side and rear perimeter of trucks and trailers for enhanced visibility and detection
- In compliance with NHTSA ruling and DOT-C2 certification
- Guaranteed to meet NHTSA's minimum specifications for seven (7) years

**3M**



## TAPE — SAFETY (continued)

### 3M™ CONFORMABLE SAFETY WALK™

3M

Size	3M Part No.	Part No.
6" x 60'	19282	F41534

- Conformable slip-resistant material
- Adhesive backed roll
- Special aluminum backing conforms around corners and adheres to irregular surfaces
- **Color:** Black
- For use on steps and ladder rungs, heavy equipment, and vehicles



### HIGH TRACTION SAFETY TAPE — ANTI SLIP

Color	Size	Part No.
Black	3" x 60'	F41074
Black	6" x 60'	F4365

- Thin tough waterproof silicone carbide fabric, coated with mineral particles
- Adhesive backed
- **Application:** Use on ramps, stairs, cab steps, and in plants where oily conditions exist



### 3M™ SAFETY WALK™

3M

Size	3M Part No.	Part No.
1" x 60'	19220	F4749
2" x 60'	19221	F4249
4" x 60'	19223	F41170

- General Purpose slip-resistant material
- Adhesive backed roll
- **Color:** Black
- For use on smooth, flat surfaces such as walkways, stairways, loading docks, etc.



### SCHOOL BUS YELLOW CONSPICUITY TAPE

Size	Part No.
1" x 150'	F84356
2" x 150'	F84076

- **Enhanced daytime color** - Exceeds all minimum requirements for school bus conspicuity tape
- **Impact resistant** - maintains photometric performance after impact - maintains conspicuity after collision or years of wear.
- **Easy to apply** - thin and flexible with 100% adhesion. Superior durability withstands high pressure washing and resists edge lift
- **OEM preferred** - can be riveted; no edge sealing required.



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### FLAGGING TAPE

Color	Size	Part No.
Glo-Orange	2" x 600'	F4215

- High tensile strength, resistant to breaking or tearing
- Remains pliable, resist cracking even in the coldest weather
- Used to identify boundaries for surveying work, construction projects, recreational applications and for marking any other area.



### AISLE MARKING TAPE

Color	Size	Part No.
Yellow	2" x 36 yards	F4286
Yellow/Black	2" x 36 yards	F4433
Red	2" x 36 yards	F41115
Blue	2" x 36 yards	F4779
Orange	2" x 36 yards	F4557
Yellow/Black	4" x 36 yards	F41568

- **Material:** Polyvinyl Chloride (PVC) with synthetic rubber adhesive
- Used for a wide range of color coding applications, lane marking and safety coding to meet OSHA requirements
- Durable, puncture and tear resistant



### BARRICADE TAPE

Description	Color	Size	Part No.
Caution	Black on Yellow	3" x 200'	F479
Caution	Black on Yellow	3" x 1000'	F4495
Caution Do Not Enter	Black on Yellow	3" x 1000'	F4531

- Poly barricade tape for warning at temporary safety hazards
- Economical, strong and disposable



## TAPE — LABELING

3M

### POST-IT™ REMOVABLE LABELING TAPE

Size	3M Part No.	Part No.
2" x 36 yards	06951	F41028

- White, general purpose labeling tape that is easily removable
- Use for shelf and bin marking and package identification
- Works great for correction and cover-up work.
- Use for work piece and body parts temporary identification





# SHOP SUPPLIES

## 1 Tapes

### TAPE — ATTACHMENT

#### 3M™ SCOTCH-MOUNT™ DOUBLE-COATED ACRYLIC FOAM TAPE



Size	Color	3M Part No.	Part No.
1/2" x 20 yards	White	06380	F4164
7/8" x 20 yards	White	06381	F4699
1/2" x 20 yards	Black	06382	F4362
7/8" x 20 yards	Black	06383	F41329

- OEM approved for attaching body side moldings, fascia nerf strips, bumper trim, wheel lip and door edge moldings, claddings, etc.
- Resists stress
- Good cold temperature adhesion
- **Thickness:** 1.2mm (.045")



#### 3M™ SCOTCH-MOUNT™ DOUBLE-COATED ACRYLIC FOAM TAPE



Size	Color	3M Part No.	Part No.
1/2" x 10 yards	Black	06397	F41263
1" x 72 yards	White		F4187

- Intended for more demanding applications requiring a thicker tape
- Resists stress with high conformability to compensate for part-to-body mismatch
- OEM approved for attaching body side moldings, fascia nerf strips, bumper trim, door edge moldings, claddings, and a wide variety of other trim components
- Good initial and cold temperature adhesion
- **Thickness:** 1.8mm (.060")



4

#### 3M™ SCOTCH-MOUNT™ NAMEPLATE REPAIR TAPE



Size	Color	3M Part No.	Part No.
.23" x 5' yards	Gray	06385	F4649

- Automotive acrylic foam tape
- Adheres emblems, nameplates, etc. to vehicle surfaces
- Thinner foam allows for a flush mount to the vehicle's surface
- **Thickness:** 0.8mm (.030")
- Permanently adheres to OEM and aftermarket paint systems

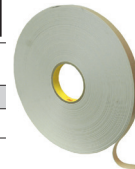


#### 3M™ DOUBLE-COATED POLYETHYLENE FOAM TAPE



Size	Thickness	3M Part No.	Part No.
3/4" x 72 yards	.8mm (.031")	04492W	F41072
1" x 36 yards	1.6mm (.062")	04496W	F41614

- Conformable closed cell foam
- High strength acrylic adhesive provides good initial tack & offers high ultimate adhesion to a wide variety of surfaces
- **Color:** White

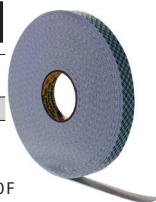


#### 3M™ DOUBLE-COATED URETHANE FOAM TAPE



Size	Thickness	Part No.
1" x 36 yards	1/16"	F41732

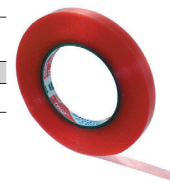
- Ideal for a multitude of general purpose, indoor mounting and joining applications
- Open-Cell, soft and conformable, high in strength
- Functions well for extended periods at temperature of 104 C / 200 F



#### ATTACHMENT TAPE — CLEAR

Description	Part No.
1/2" x 36' yards (12mm x 33mm)	F41718
3/4" x 36' yards (19mm x 33mm)	F4926

- Double-sided acrylic adhesive on a polyester film for permanent mounting of trim and emblems
- Adheres to plastics, metals and woods
- **Thickness:** .008"



#### GAFFERS TAPE

Size	Thickness	Part No.
2" x 60' yards	11.0 Mil.	F4206

- Used to attach paper barrier between door panel and structure of door
- 11.0 mil thick
- Matte black finish to match OEM tapes



#### ACRYLIC TRANSFER TAPE

Description	Part No.
3/4" x 60' yards	F41423
1" x 60' yards	F41173

- 2 mil reinforced acrylic transfer tape
- Ideal for permanent bonding of papers, plastics and films
- Can also be used as a core start up tape
- Conforms to **FDA 21 CFR 175.105** "Adhesives"



## TAPE — SEALING

### 3M™ ALUMINUM FOIL TAPE



Size	Part No.
2" x 60 yards	F4959

- Dead soft aluminum foil backing with an acrylic adhesive
- Aluminum backing acts as a heat shield, minimizing heat transfer
- Superior conformability to adhere to irregular surfaces
- Acrylic adhesive system developed for solvent resistance and clean removal
- High adhesion and excellent aging resistance
- Can be used for numerous masking and sealing applications

### ALUMINUM FOIL TAPE

Size	Part No.
2" x 50 yards	F4686

- Dead soft aluminum foil backing is extremely conformable to irregular surfaces
- Excellent adhesion and quick stick
- Appropriate for a variety of insulation uses
- **Total Thickness:** 5 mil
- **Foil Thickness:** 2 mil



### AIR CONDITIONING SEALANT TAPE

Size	Part No.
2" x 30"	F41281

- Dum Dum tape 1/8" thick
- Black foam rubber
- Insulates, prevents condensation, deadens sound



### FLEECE HARNESS & SQUEAK TAPE

Size	Part No.
3/4" x 25yd.	F4609

- Squeak and rattle reduction for interior panels and dash components.
- Cable harness securing wrap for the passenger compartment of vehicles.
- Rubber adhesive
- PET fleece textile
- Black



### CAP TAPE

Size	Part No.
3/16" thick x 1-1/2" wide 30 foot roll	F4836
3/16" thick x 2" wide 50 foot roll	F4470

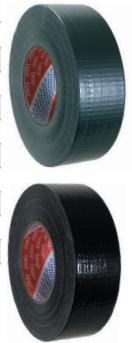
- Single faced closed cell neoprene sponge material
- Designed to seal pickup truck camper caps
- Dampens vibration, helps prevent creaks & squeaks



### DUCT TAPE

Size	Description	Part No.
2" x 60 Yards	Black, 9.0 Mil.	F41320
2" x 60 Yards	Black, 11 Mil.	F41044
3" x 60 Yards	Black, 11 Mil.	F41467
2" x 60 Yards	White, 9 Mil.	F4989
2" x 60 Yards	Silver, 11 Mil.	F4872
3" x 60 Yards	Silver, 11 Mil.	F41737
2" x 60 Yards	Silver, 9.5 Mil.	F41597
2" x 60 Yards	Yellow, 10 Mil.	F4765
2" x 60 Yards	Red, 10 Mil.	F466

- Polyethylene coated cloth
- Strong, moisture proof barrier for packaging
- **Uses:** general purpose applications including binding, holding, sealing and construction.
- Use 11Mil for more demanding applications.



### THREAD SEALANT TAPE

Size	Import Part No.	USA Part No.
1/2" x 260"	F484	F43627
1/2" x 520"	F41748	F43628
3/4" x 520"	F4643	F43629
1" x 260"	F4253	F43630

- Medium density thread sealant tape with PTFE
- Lubricates, protects and seals threads
- Thread sealant tape makes it easier to assemble or disassemble threaded fittings, without the risk of system contamination
- **Tape Thickness:** 4mil Standard Density: 0.28 gm/cm3 – 100% virgin PTFE
- **Temperature range:** 375°F to 500°F



### ANTI-SEIZE TAPE POLY-TEMP TAPE

Size	Description	Part No.
1/2" x 600"	Copper	F4628
1/2" x 600"	Nickel	F41190

- Unique lubricating products that assist in assembly and disassembly of threaded fasteners and connections
- Provide the means to apply and control precise amount of lubrication while maintaining a clean, non-greasy assembly
- Blended PTFE resin with Metal flake prevent the seizing and galling
- Provides protection from corrosion and dirt
- **Poly-Temp Copper:** Reduces required torque, applies easily, seals tightly, overcomes high temperature seizing. Protects against galvanic pitting; **Temperature Range: -450° to 1800°F**
- **Poly-Temp Nickel:** Increased chemical resistance, extremely high temperature, and harsh environments. Made especially for stainless steel threads; **Temperature Range: -450° to 2600°F**



### YELLOW GAS LINE PTFE TAPE

Size	Part No.
1/2" x 260"	F3735
3/4" x 260"	F34297

- Meets USDA and FDA requirements
- Meets MIL-T-27730A
- Temperatures from -450° to +550°F (-240° to 287°C)
- Pressures rated up to 2000 psi



# SHOP SUPPLIES

## 1 Tapes

### TAPE — PACKAGING

#### 3M™ TARTAN™ PACKAGING TAPE 3710



Part No.	Description	3M Part No.	Qty per Case	Case Qty Part No.
F482	2" x 110 yards - Clear	18813	36	F42220

- Commercial grade film tape
- Conforms to box surfaces
- Ideal for most packaging applications



#### 3M™ SCOTCH® PACKAGING TAPE 3750

Part No.	Description	3M Part No.
F41212	2"x60 yards - Clear	06640
F4544	Promo Pack - 12 rolls of #3750 (2" x 60 yards) Clear tape plus a free H-122 dispenser	06635
F4406	2"x60 yards - Tan	06642

- Heavy-duty construction grade film
- Provides a consistent uniform seal
- Aggressive adhesive sticks instantly and holds tight



#### FILAMENT PACKAGING TAPE

F4418

- 3/4" x 60 yard roll
- Fiberglass reinforced strapping tape



#### PACKAGING TAPE DISPENSERS

Description	Part No.
Pistol Grip Dispenser for 2" Packaging Tape	F41770
3M H-122 Dispenser for 2" Packaging Tape	F41706
3M H-180 Pistol Grip Dispenser for 2" Packaging Tape	F41519



F41770



F41706



F41519

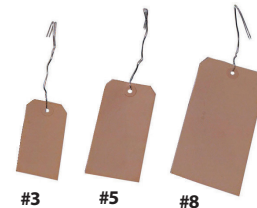
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### SHIPPING SUPPLIES

#### TAGS

Size#	Size-inches	Manila Tag Stock Part No.	Tyvek Tag Stock Part No.
#5	2-3/8 x 4-3/4	F41001	F4487

- Write, stamp or print your own information on these blank tags.
- Use to identify and control parts.
- Available in:**  
13pt. Manila card stock and 10pt. Tyvek w/ metal eyelets - for heavy and/or outdoor use
- All tags come with 26 ga. 12" wire twisted onto eyelet



#3

#5

#8

#### SHRINK/STRETCH WRAP

F41151

- 18" x 1500' Roll
- Clear film used for bundling and palletizing
- Sold by the roll



#### PACKING LIST ENCLOSED ENVELOPE

Size	Part No.
5-1/2" x 4-1/2"	F41410
5-1/2" x 7"	F41637
5-1/2" x 10"	F4564

- Attach & protect packing lists
- Peel & stick backing



F41410

### TAPE — VELCRO

#### 3M™ DUAL LOCK™ RECLOSABLE FASTENERS



Part No.	3M Part No.	Color	Size
F41420	06463	Clear	2 rolls - 1" x 4.9 yds.
F467	MP-3541/42 Black	Black	2 rolls - 1" x 4.9 yds.

- Mini-pak dispenser with 2 rolls
- When pressed together hundreds of mushroom-shaped stems interlock with one another
- An audible snap indicates the fastener is locked
- Compared to hook and loop fasteners, you get improved tensile strength with five times more holding power



#### 3M™ HOOK AND LOOP RECLOSABLE FASTENERS



Part No.	3M Part No.	Color	Size
F4509	06460	Black	12 strips - 1" x 12"
F4775	MP-3526/27 Black	Black	1 roll each (hook & loop) 1" x 4.9 yds.

- Mini-pak dispenser includes 1 roll of hook, and one roll of loop material
- When hook and loop fasteners are pressed together, hundreds of tiny, stiff hooks mesh with a surface of pliable loops
- Simply press together to fasten and pull apart to open
- Prolonged exposure to water does reduce hook and loop closure strength, but full strength returns after drying





### TOOLS — SOCKET SETS

- Manufactured to ANSI & DIN industrial standards
- Quality chrome vanadium alloy steel.
- Precision heat treating for maximum strength

#### 3/8" DRIVE SAE 12PT SOCKET SET - 15 PIECE

F43006

**Set contains:** Standard Sockets - 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 1"  
Adapter 3/8" Female x 1/2" Male; Universal Joint 2"  
Reversible Ratchet 8"; Extension Bars 3" & 6"



- Larger marking for easy size identification
- GRIPSTRIP™ ergonomic design. Identifying color for SAE and Metric.

#### 3/8" DRIVE METRIC 12PT SOCKET SET - 15 PIECE

F43005

**Set contains:** Standard Sockets - 9, 10, 11, 12, 13, 14, 15, 16, 17, 19mm  
Adapter 3/8" Female x 1/2" Male; Universal Joint 2"  
Reversible Ratchet 8"; Extension Bars 3" & 6"



#### 1/2" DRIVE SAE 6PT SOCKET SET - 19 PIECE

F43003

**Set contains:** Standard Sockets - 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 1"  
Adapter 1/2" Female x 3/8" Male; Universal Joint 3"  
Reversible Ratchet 10"; Flexible Head 15"; Extension Bars 5" & 10"



#### 1/2" DRIVE METRIC 6PT SOCKET SET - 19 PIECE

F43002

**Set contains:** Standard Sockets - 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24, 27mm  
Adapter 1/2" Female x 3/8" Male; Universal Joint 3"  
Reversible Ratchet 10"; Flexible Head 15"; Extension Bars 5" & 10"



#### 1/2" DRIVE BUST-A-BOLT KIT

F41942

**Set contains:** 1/2" Drive Ratchet w/ 10" Quick Release Knurled Handle;  
11-1/2" Ratchet Extension Adjustable Handle;  
105° L-Handle 12-1/2";  
Convenient EVA Foam Tray



### TOOLS — SOCKETS 3/8"

#### 3/8" METRIC SOCKETS 6PT

Size	Part No.
6mm	F01190
7mm	F01191
8mm	F01192
9mm	F01193
10mm	F01194
11mm	F01195
12mm	F01196
13mm	F01332
14mm	F01434
15mm	F01181
16mm	F01435
17mm	F01294
18mm	F01295
19mm	F01296
20mm	F01433
21mm	F01432
22mm	F01183
24mm	F01431

#### 3/8" SAE SOCKETS 12PT

Size	Part No.
1/4"	F01436
5/16"	F01185
11/32"	F01437
3/8"	F01197
7/16"	F01198
15/32"	F01199
1/2"	F01200
9/16"	F01168
19/32"	F01201
5/8"	F01202
11/16"	F01333
3/4"	F01334
13/16"	F01204
7/8"	F01413
15/16"	F01335
1"	F01208

#### 3/8" SAE DEEP SOCKETS 12PT

Size	Part No.
1/4"	F01205
5/16"	F01206
3/8"	F01336
7/16"	F01175
1/2"	F01337
9/16"	F01412
5/8"	F01210
11/16"	F01213
3/4"	F01169
13/16"	F01396
7/8"	F01221
15/16"	F01170
1"	F01233



#### 3/8" SPARK PLUG SOCKETS 6PT

Size	Part No.
5/8"	F01415
13/16"	F01338

### TOOLS — SOCKETS 1/2"

#### 1/2" METRIC SOCKETS 6PT

Size	Part No.
8MM	F01417
9MM	F01418
10MM	F01419
11MM	F01420
12MM	F01421
13MM	F01179
14MM	F01422
15MM	F01315
16MM	F01316
17MM	F01285
18MM	F01286
19MM	F01287
20MM	F01270
21MM	F01271
22MM	F01317
23MM	F01288
24MM	F01216
25MM	F01397
26MM	F01392
27MM	F01393
28MM	F01224
29MM	F01231
30MM	F01318
32MM	F01377
33MM	F01319
34MM	F01245
36MM	F01320
38MM	F01247
39MM	F01361
41MM	F01354
46MM	F01321

#### 1/2" SAE SOCKETS 6PT

Size	Part No.
5/16"	F01423
3/8"	F01424
7/16"	F01425
15/32"	F01426
1/2"	F01427
9/16"	F01180
19/32"	F01428
5/8"	F01177
11/16"	F01289
3/4"	F01167
25/32"	F01322
13/16"	F01272
7/8"	F01212
15/16"	F01401
1"	F01398
1-1/16"	F01220
1-1/8"	F01228
1-3/16"	F01383
1-1/4"	F01234

#### 1/2" SAE DEEP SOCKETS 6PT

Size	Part No.
3/8"	F01390
7/16"	F01184
1/2"	F01225
9/16"	F01226
5/8"	F01227
11/16"	F01182
3/4"	F01229
13/16"	F01230
7/8"	F01323
15/16"	F01232
1"	F01324
1-1/16"	F01239
1-1/8"	F01340
1-3/16"	F01325
1-1/4"	F01176
1-5/16"	F01367
1-3/8"	F01362
1-7/16"	F01250
1-1/2"	F01290



#### 1/2" SPARK PLUG SOCKETS 6PT

Size	Part No.
5/8"	F01326
13/16"	F01407

# SHOP SUPPLIES

## 2 Hand Tools

### TOOLS — SCREWDRIVERS

- Manufactured to ANSI & DIN industrial standards
- Quality chrome vanadium alloy steel.
- Precision heat treating for maximum strength

- Molded unitary construction
- Oversize handle for maximum comfort & no-slip grip surface

#### SLOTTED HEAD SCREWDRIVERS

Size	Part No.
3/16 x 3"	F01207
3/16 x 8"	F01311
1/4 x 1-1/2"	F01312
1/4 x 4"	F01209
1/4 x 6"	F01313
5/16" x 6"	F01314
3/8 x 8"	F01386

#### PHILLIPS HEAD SCREWDRIVERS

Size	Part No.
#0 x 2-3/8"	F01203
#1 x 4"	F01414
#2 x 1-1/2"	F01416
#2 x 4"	F01406
#2 x 6"	F01405
#3 X 6"	F01310
#4 X 8"	F01283



### TOOLS — COMBINATION WRENCHES

- Manufactured to ANSI & DIN industrial standards
- Quality high polished chrome molybdenum alloy steel.

- Precision heat treating for maximum strength
- Larger marking for easy size identification

#### SAE 12PT COMBINATION WRENCH SET – 9 PIECE

F43295

Set contains: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"



#### SAE 12PT COMBINATION WRENCH SET – 13 PIECE

F43296

Set contains: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"



#### METRIC 12PT COMBINATION WRENCH SET – 9 PIECE

F43293

Set contains: 8, 9, 10, 11, 12, 13, 14, 17, 19mm



#### METRIC 12PT COMBINATION WRENCH SET – 13 PIECE

F43294

Set contains: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 22, 24mm



#### COMBINATION WRENCH SAE 12PT

Size	Part No.	Size	Part No.
1/4"	F01410	7/8"	F01304
5/16"	F01404	15/16"	F01249
3/8"	F01400	1"	F01256
7/16"	F01219	1-1/16"	F01305
1/2"	F01389	1-1/8"	F01262
9/16"	F01186	1-1/4"	F01276
5/8"	F01382	1-5/16"	F01267
11/16"	F01189	1-3/8"	F01341
3/4"	F01187	1-7/16"	F01268
13/16"	F42151	1-1/2"	F01188

#### COMBINATION WRENCH METRIC 12PT

Size	Part No.	Size	Part No.
5.5MM	F01408	19MM	F01373
6MM	F01409	20MM	F01273
7MM	F01211	21MM	F01242
8MM	F01403	22MM	F01302
9MM	F01215	23MM	F01303
10MM	F01217	24MM	F01248
11MM	F01218	25MM	F01254
12MM	F01391	26MM	F01255
13MM	F01388	27MM	F01349
14MM	F01301	28MM	F01261
15MM	F01384	29MM	F01274
16MM	F01381	30MM	F01275
17MM	F01380	32MM	F01265
18MM	F01269		



#### RATCHETING COMBINATION WRENCH SAE 12PT

Size	Part No.	Size	Part No.
5/16"	F01278	11/16"	F01353
3/8"	F01279	3/4"	F01351
7/16"	F01280	13/16"	F01264
1/2"	F01281	7/8"	F01282
9/16"	F01253	15/16"	F01344
5/8"	F01358		

#### RATCHETING COMBINATION WRENCH METRIC 12PT

Size	Part No.	Size	Part No.
8MM	F01244	16MM	F01357
9MM	F01306	17MM	F01257
10MM	F01368	18MM	F01352
11MM	F01307	19MM	F01350
12MM	F01246	21MM	F01277
13MM	F01252	22MM	F01343
14MM	F01359	24MM	F01306
15MM	F01308		

### TOOLS — ADJUSTABLE WRENCHES

#### PIPE WRENCHES — HEAVY-DUTY

Description	Capacity	Weight Lbs.	Part No.
10" Pipe Wrench	1-3/16"	1.32	F42740
12" Pipe Wrench	1-9/16"	1.72	F4214
14" Pipe Wrench	2"	2.32	F42741
18" Pipe Wrench	2-3/8"	3.79	F41765

- Forged steel jaw provides maximum strength
- Full floating hook jaw, provides instant grip, easy release
- Large knurl and power threads provide fast, positive jaw adjustment



#### ADJUSTABLE WRENCHES

Description	Capacity	Part No.
6" Adjustable Wrench-Chrome	15/16"	F4317
8" Adjustable Wrench-Chrome	1-1/8"	F4447
12" Adjustable Wrench-Chrome	1-1/2"	F41096

- Alloy steel and heat treated
- Tension spring stabilizes jaw and knurl adjusts easily
- Chrome plated finish resists rust and corrosion



### TOOLS — PLIERS

#### TONGUE AND GROOVE PLIERS

Description	Capacity	Part No.
6-1/2" Tongue and Groove Plier	7/8"	F41278
9-1/2" Tongue and Groove Plier	1-1/2"	F41379
10" Tongue and Groove Plier	2"	F41666
12" Tongue and Groove Plier	2-1/4"	F43271
16-1/2" Tongue and Groove Plier	2-1/4"	F43273
9-1/2" V-JAW Tongue and Groove Plier	1-1/2"	F43270
12" V-JAW Tongue and Groove Plier	2-1/4"	F43272

- Channellock® brand
- Right angle teeth grip in all directions for maximum bite, and minimum wear
- Undercut tongue and groove design assures strong, can't slip jaw action
- Permalock fastener is stronger, safer, and smoother working than the old time bolt and nut
- V-JAW gives more points of contact round stock and tubing
- Made in USA



#### LOCKING PLIERS

Description	Jaw Adjustment	Part No.
5" Curved Jaw w/wire cutter	0 - 1-1/8"	F42396
7" Curved Jaw w/wire cutter	0 - 1-5/8"	F4786
10" Curved Jaw w/wire cutter	0 - 1-7/8"	F41401

- Vise-Grip® brand
- Used for turning, cutting, tightening, clamping, and twisting
- Hardened tooth design grips from any angle
- Convenient wire cutter cuts up to a 1/4" bolt
- Made from high grade alloy steel heat treated for maximum toughness and durability



Description	Jaw Adjustment	Part No.
7" Straight Jaw	0 - 1-1/2"	F42388
10" Straight Jaw	0 - 1-5/8"	F41575

Description	Jaw Adjustment	Part No.
4" Long Nose	0 - 1-5/8"	F41579
6" Long Nose	0 - 2-1/4"	F4382

Description	Jaw Capacity	Part No.
8" Sheet Metal Tool	3-1/8"	F42389

Description	Jaw Capacity	Part No.
9" Welding Clamp	2-3/4"	F42390

Description	Jaw Capacity	Part No.
6" Swivel Pad C-Clamp	2-1/8"	F42397
11" Swivel Pad C-Clamp	4"	F42391
18" Swivel Pad C-Clamp	8"	F42398

- Makes bending, forming and crimping sheet metal easier

- U-shaped jaw provides enhanced visibility and more working space

- Swivel pads hold tapered work, cumbersome fabricating jobs and delicate projects without damaging the work surface



#### SLIP JOINT PLIERS

Description	Part No.
6-1/2" Slip Joint Plier w/Wire Cutter	F43274

- Channellock® brand
- Polished high carbon drop forged steel
- Wire cutting shear
- Permalock fastener eliminates nut and bolt failure



#### MULTIPURPOSE WELDER'S PLIER

Description	Part No.
9" Welder's Plier	F43268

- Channellock® Brand
- An original groove-nose design for quick and clean spatter removal
- A unique diamond-shape welder tip installation and removal tool that prevents stripping by gripping four sides of the welder tip
- An elongated nose with cross-hatch grips for secure drawing of wire or gripping of hot metal
- A welder bushings and nozzle installation and removal tool
- Two hammering surfaces.
- Made in USA

#### CUTTING PLIERS

Description	Part No.
6" Long Nose Plier w/Side Cutter	F41260
8" Long Nose Plier w/Side Cutter	F41785

Description	Part No.
7" Diagonal Cutting Plier	F43266

Description	Part No.
8-1/2" Linemans Plier	F43269
9-1/2" Linemans Plier	F41539

Description	Part No.
7-1/2" End Cutting Plier	F43267
8" End Cutting Plier	F41425

- Channellock® brand
- Polished high carbon drop forged steel
- Perfectly mated cutter is heat treated to hold its edge
- Made in USA



# SHOP SUPPLIES

## 2 Hand Tools

### TOOLS — PLIERS (continued)



#### MILWAUKEE® 6 IN 1 LONG NOSE PLIERS

Description	Part No.
8" Alloy Steel Long Nose Pliers	F42379
<ul style="list-style-type: none"><li>Reaming Head Design - Smooth edges of metal pipe from 1/2" to 1"</li><li>Loop Maker - Built in loop maker for up to 10 ga. wire</li><li>Wire Stripper - Strip 10-14 AWG (Solid Wire); 12-16 AWG (Stranded)</li><li>Laser Hardened Cutting Edges - Cuts wires, bolts, screw and nails</li><li>Forged Alloy Steel - For Maximum tool strength</li><li>Length: 8"</li></ul>	



#### MILWAUKEE® QUICK ADJUST REAMING PLIERS

Description	Part No.
10" Alloy Steel Quick Adjust Reaming Pliers	F42380
<ul style="list-style-type: none"><li>Exposed Reaming Handles - Up to 1" Conduit</li><li>Reaming Head Design - Smooths out rough edges of up to 2" pipe</li><li>Quick Adjust Jaws - V-groove jaws create a more precise fit with up to 2" jaw capacity</li><li>Forged Alloy Steel - For Maximum tool strength</li><li>Length: 10"</li></ul>	

#### CAM-LOCK CONVERTIBLE RETAINING RING PLIERS

Description	Tip Size	Tip Size	Part No.
6-Piece Set (Includes one each of the following sizes in a storage case)			F4683
Cam-Lock Convertible Retaining Ring Pliers	.038	18"	F41293
Cam-Lock Convertible Retaining Ring Pliers	.047	18"	F41189
<ul style="list-style-type: none"><li>Patented design allows for quick change over from internal to external use</li><li>No screw to tighten or come loose</li><li>For 1/2" to 2" internal and external rings</li></ul>			



#### RETAINING RING PLIERS WITH REPLACEABLE TIPS

Description	Retaining Ring Range Internal	Retaining Ring Range External	Part No.	Replacement Tip Kit Part No.
Small Retaining Ring Pliers w/Tip Kit	1/4" to 1"	1/8" to 1"	F464	F41477
Medium Retaining Ring Pliers w/Tip Kit	3/8" to 2"	1/4" to 2"	F41731	F41104
Large Retaining Ring Pliers w/Tip Kit	1-3/16" to 4"	1-1/2" to 4"	F41122	



#### COTTER PIN PULLER

F4789	<ul style="list-style-type: none"><li>A safe and easy way to remove cotter pins</li><li>Ideal for use in confined work areas</li><li>Heavy-duty plastic handle</li></ul>	<ul style="list-style-type: none"><li>Blade length: 4-1/2"</li><li>Overall length: 7-1/2"</li></ul>
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### TOOLS — HAND TOOL WARRANTY INFORMATION

#### CHROME HAND SOCKETS:

- Do not use hand sockets with impact or power driven tools. Serious injury is possible.
- Use safety goggles. Eye injury is possible.
- Do not hammer on sockets or drive tools.
- Do not use extenders or cheater bars on drive tools.

#### BLACK IMPACT SOCKETS:

- Do not hold sockets, universal joint or other attachment when power tool is running.
- Do not use damaged sockets. Replace them before using.
- Do not continue to hammer with an impact tool once the fastener is tight.
- Use safety goggles. Eye injury is possible.

#### WRENCHES:

- Do not use extenders or cheater bars. Injury is possible.
- Use safety goggles. Eye injury is possible.
- Instructions in using wrenches:
  - Use correct size wrench
  - Do not use fractional wrenches on metric fasteners or vice versa.
  - Use the type of wrench that is best fit for the job.
  - Use the box end of the wrench if possible.
  - Pull the wrench towards you. Do not push.
  - Use a lubricant on a corroded fastener.

#### SCREWDRIVERS:

- Use safety goggles. Eye injury is possible.
- Do not pry, punch, chisel, scrape, hammer or otherwise misuse.
- Do not use screwdrivers on electrical circuits. There is no insulation.

Hand tools that are in our product line carry the manufacturer's warranty and fall under that manufacturers guidelines and procedures. We reserve the right to deny any warranty claim until evaluated by the manufacturer(s). We may choose to replace the item or issue credit for the warranty item up front before manufacturer evaluation. In those cases, Winzer will charge the salesperson for the replacement, if the item is determined by the manufacturer to not be considered as warranty. Such cases could be abused or misused tools. We do not condone or support the abuse and misuse of hand tools and accept no responsibility on the abuse or misuse of these tools. For this reason, tools that have been abused or misused, will not be accepted under warranty. Abuse and misuse of tools causes accidents and bodily injury. Tools are designed to perform specific functions. Misuse and abuse may put stress and fatigue on a tool, which are beyond the design of the tool and when this happens the tool will break. Examples of misuse and abuse are:

- Broken screwdriver tips and bent shanks are the result of using the screwdriver as a pry bar, punch or chisel.
- A chrome socket with square drives that have rounded out corners and/or peened metal around the drive end show the normal signs of use on an impact or power wrench. Continued use on an impact wrench will cause the socket wall to crack or shatter.
- Ratchet handles and wrenches that have been dented, grooved and broken indicate abuse with "cheater bars" or a hammer.
- Plier handles that are bent or broken are the signs of prying or over torqueing.

- Prevent slipping. Keep tools clean.
- Fit screwdriver tip width and thickness to fastener slot size.

#### PLIERS:

- Use safety goggles. Eye injury is possible.
- Do not use pliers with cushion grips on electrical circuits. There is no insulation.
- Do not use extenders or cheater bars on pliers handles.

#### ADJUSTABLE WRENCHES:

- Use safety goggles. Eye injury is possible.
- Adjust wrench tightly on fastener.
- Use correct size wrench.
- Pull the wrench. Do not push.

#### TORQUE WRENCHES:

- Use safety goggles. Eye injury is possible.
- Do not use cheater bars, hammers or other damaging objects on torque wrenches.
- Do not exceed rated torque capacity of wrench.
- Do not exceed capacity of fastener.
- Do not use torque wrenches to break fasteners loose.
- Pull the wrench towards you. Do not push.
- Do not drop torque wrenches. May loose calibration.
- Torque wrenches should be re-calibrated every year.



## TOOLS — HEX BIT KITS, INSERTS & ACCESSORIES

### HEX BITS & KITS

Sizes	Description	Part No.
	Mag. bit holder	F4134
	Socket adapter	F4676
#0	Phillips insert	F41251
#1	Phillips insert	F4181
#2	Phillips insert	F41561
#3	Phillips insert	F4193
#1	Pozidrive insert	F4810
#2	Pozidrive insert	F4952
1-2	Slotted insert	F41045
4-5	Slotted insert	F4504
6-8	Slotted insert	F41522
8-10	Slotted insert	F4426
10-12	Slotted insert	F4938
#0*	Square insert (Robertson)	F4211
#1	Square insert (Robertson)	F4414
#2	Square insert (Robertson)	F4377
#3	Square insert (Robertson)	F4857

- Screwdriver Insert Bit Kit includes all the inserts listed above, packaged in a handy plastic case
- Choice of storage handle or cushion handle, both with magnetic insert holder
- Comes with 1/4" hex shank holder for electric screwdrivers
- Kit with storage handle driver # **F41055**
- Kit with cushion handle driver # **F41125**
- 1/4" shank insert bits

\*Not included in kit



### WIHA® BIT SELECTOR SET

Set Contents (1 of each)	Part No.
Phillips Sizes: 0, 1, 2, 3 Slotted Sizes: 1/7, 2/16, 3/15 Torx Sizes: #10, #15, #20 1/4" Magnetic bit holder	F41046

- Compact, plastic storage box
- Slide out drawer allows quick bit access and secure storage
- 1/4" bits are made of hardened chrome-vanadium-mobdenum tool steel



4

### 32 PC DRIVER BIT SETS

- Made from S2 modified shock resistant steel for professional performance and durability.
- Proprietary precision CNC machined tips for excellent fit in fastener recess.
- Case includes convenient belt clip design.
- 1/4" shank

#### STANDARD BITS F44183

**Contents:**  
Phillips: 0, 1, 2, 2R, 3  
Torx: 10, 15, 20, 25, 27, 30, 40  
Slotted: 3-4, 4-5, 6-8, 8-10, 10-12  
Hex: 5/64, 3/32, 7/64, 1/8, 9/64, 5/32  
3/16, 7/32, 1/4, 5/16  
Square: 1, 2, 3  
1/4" x 1/4" Socket  
Quick Release Bit Holder



#### TAMPER BITS F44184

**Contents:**  
Phillips Tamper: 2, 3  
Torx Tamper: 5, 6, 7, 8, 9, 10, 15, 20, 25, 27, 30, 40  
Hex Tamper: 5/64, 3/32, 7/64, 1/8, 9/64, 5/32  
3/16, 7/32, 1/4, 5/16  
Spanner: 4, 6, 8, 10, 12, 14  
1/4" x 1/4" Socket  
Quick Release Bit Holder



- F42381**  
18 Piece Shockwave™  
Driver Bit Set



#### SET CONTAINS:

- (1) SHOCKWAVE™ Magnetic Bit Holder
- (1) 1/4" Magnetic Nut Driver, (1) 5/16" Magnetic Nut Driver
- (1) Hex Bit 1" 1/4", (1) Hex Bit 1" 3/16"
- (1) Phillips Bit 1" P1, (4) Phillips Bit 1" P2, (1) Phillips Bit 1" P3
- (2) Phillips Bit 2" P2
- (1) Phillips Reduced 1" PR2 Bit
- (1) Slotted 1" #10 Bit, (1) Slotted 1" #8 Bit, (1) Slotted 2" #10 Bit
- (1) Square Bit 1" SQ1, (3) Square Bit 1" SQ2, (1) Square Bit 1" SQ3
- (1) Square Bit 2" SQ2
- (1) TORX® Bit 1" T15, (2) TORX® Bit 1" T20, (2) TORX® Bit 1" T25, (1) TORX® Bit 1" T30
- (1) TORX® Bit 2" T20, (1) TORX® Bit 2" T25



F43586



- F41178**  
3" Magnetic Bit  
Holder



- F24124**  
1/4" Hex Shank to 1/4"  
Socket Adapter



- F24125**  
1/4" Hex Shank to 3/8"  
Socket Adapter

# SHOP SUPPLIES

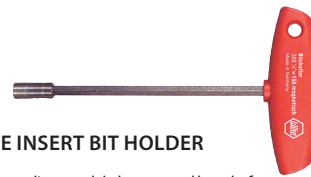
## 2 Hand Tools

### TOOLS — HEX BIT KITS, INSERTS & ACCESSORIES (continued)

#### TORX BIT SET WITH HOLDER SET INCLUDES ONE EACH OF THE FOLLOWING:

F4100

- Magnetic hex bit holder
- Torx bits T10, T15, T20, T25, T30, T40
- 1/4" shank



#### T-HANDLE INSERT BIT HOLDER

F4475

- Chrome-vanadium-molybdenum steel hex shaft
- Nickel plated
- Impact resistant, plastic T-handle
- Magnetic
- Holds 1/4" Hex insert bits

#### STORAGE HANDLE

F4856



#### SOLID HANDLE WITH CUSHION GRIP

F4328



Magnetic Screwdrivers, For use with 1/4" Bit size

#### 16-IN-1 SECURITY SCREWDRIVER

F4942

- Bits store securely and conveniently in the handle
- **Includes these security bits:**
  - Spanner 4, 6, 8 and 10
  - Hex Security 1/8", 9/64", 5/32" and 3/16"
  - Square Security 1 and 2
  - Phillips #2 and Slotted #8
  - Torx Security T10, T15, T20 and T25



#### DIAL-N-LOAD AUTO SCREWDRIVER

F43660

- All high grade metal component construction
- Chemical and shock resistant plastics
- Comfortable, attractive, anti-roll handle
- Rotating front collar for fine adjustment
- Comes loaded with 6 commonly used industrial grade bits - Phillips: PH1, PH2, PH3; Slotted: 1/8", 3/16", 1/4"
- No contact bit changes
- Bit loads can be fully customized (1" length bits only)
- Bit tips are magnetic



#### QUICK CHANGE EXTENSION

Sizes	Part No.
6"	F43860
12"	F44087

- For 1/4" Hex insert bits



#### POWER HEX BIT DRILL ADAPTER

F41163

- Converts any 3/8" or larger drill motor into a quick change drill
- For use with 1/4" Hex shank power bits and 1/4" Hex shank drill bits
- For Hex Shank Drills please refer to the drill/tap section in the cutting tool chapter



#### QUICK CHANGE BIT HOLDER

F41167

- For 1/4" Hex insert bits



#### MAGNETIC HEX BIT HOLDER

Sizes	Part No.
2-1/8"	F43895
3"	F4855
6"	F4589

- For 1/4" Hex insert bits



#### FLEXIBLE BIT HOLDER EXTENSION

Sizes	Part No.
7-1/2"	F41512

- For 1/4" Hex insert bits

#### DOUBLE END BITS

Type	Hex Drive	OAL	Screw Size Phillips	Screw Size Slotted	Part No.
Phillips/Phillips	1/4	2"	#2	N/A	F41140
Phillips/Slotted	1/4	2"	#2	#8	F4141

## TOOLS — HEX BIT KITS, INSERTS & ACCESSORIES (continued)

### TORX INSERT BITS, 1/4" SHANK



Sizes	OAL	Part No.
T10	1"	F4600
T15	1"	F4566
T20	1"	F41359
T25	1"	F41064
T27	1"	F41536
T30	1"	F41374
T40	1"	F474

### HEX SOCKET INSERT BITS, 1/4" SHANK



Sizes	OAL	Part No.
5/64	1"	F41500
3/32	1"	F4465
7/64	1"	F41753
1/8	1"	F4427
9/64	1"	F4384

### HEX SOCKET METRIC INSERT BITS, 1/4" SHANK



Sizes	OAL	Part No.
2mm	1"	F4508
2.5mm	1"	F493
3mm	1"	F4763
4mm	1"	F4340
5mm	1"	F4479
6mm	1"	F41093

### WIHA® INSERT BITS

Description	Part No.
Phillips #0	F4464
Phillips #1	F4642
Phillips #2	F41035
Phillips #3	F4441
Slotted .177	F4375
Slotted .216	F4326
Slotted .355	F4409
Slotted .315	F4912



"Phillips"



"Slotted"

- Made from impact resistant, modified chrome-vanadium-mobdenum hardened tool steel
- Hardness:** RC 59-61
- The ideal multi-purpose bit for all around quality and performance

### PHILIPS INSERT BIT WITH SERRATED TIP

Body Dia.	Hex	Point	Length	Part No.
1/4	1/4	#2	1-15/16	F4442



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### 1/4" SHANK TORX PLUS INSERTS BITS

Sizes	Description	Part No.
#15	Torx plus insert	F4615
#20	Torx plus insert	F4854
#25	Torx plus insert	F41747
#27	Torx plus insert	F41607
#30	Torx plus insert	F41491
#40	Torx plus insert	F41139



### TAMPER RESISTANT SPANNER INSERT BITS

Sizes	Description	Part No.
#4	Spanner Insert	F4173
#6	Spanner Insert	F4329
#8	Spanner Insert	F490
#10	Spanner Insert	F4834
#14	Spanner Insert	F42374



- 1/4" hex shank insert bits
- Made from hardened tool steel (RC 59-61) for durability and long life

### 5/16" SHANK PHILLIPS INSERT BITS

Sizes	Description	Part No.
#2	Phillips insert	F4695
#3	Phillips insert	F41230
#4	Phillips insert	F41456



### TAMPER RESISTANT TORX PIN-IN INSERT BITS

Sizes	Description	Part No.
TR-10	Torx Pin-in	F43634
TR-15	Torx Pin-in	F4318
TR-20	Torx Pin-in	F41216
TR-25	Torx Pin-in	F41007
TR-27	Torx Pin-in	F4577
TR-30	Torx Pin-in	F41440
TR-45	Torx Pin-in	F4767



- 1/4" Shank Insert Bits
- Drilled to fit tamper resistant screws

### 5/16" SHANK TORX INSERT BITS

Sizes	Description	Part No.
#30	Torx insert	F4985
#40	Torx insert	F4430
#45	Torx insert	F41630
#50	Torx insert	F4576



### TAMPER RESISTANT HEX PIN-IN INSERT BITS

Sizes	Description	Part No.
1/8	Hex Pin-in	F42373
5/32	Hex Pin-in	F4188
3/16	Hex Pin-in	F42399



- 1/4" Shank Insert Bits
- Drilled to fit tamper resistant screws

# SHOP SUPPLIES

## 2 Hand Tools

### TOOLS — HEX BIT KITS, INSERTS & ACCESSORIES (continued)

#### IMPACTECH™ IMPACT DRIVER BITS AND ACCESSORIES

- Tested to outperform all leading brands in life cycle and tip failure testing
- Patented spiral torsion zone absorbs impact resulting in longer bit life

#### PHILLIPS INSERT BITS

Size	OAL	Part No.
#1	1"	F43218
#2	1"	F43219
#3	1"	F43220
#2	2"	F43221



#### TORX INSERT BITS

Size	OAL	Part No.
T15	1"	F43226
T20	1"	F43227
T25	1"	F43228
T30	1"	F43229
T40	1"	F43230



- Designed to Last 10-Times Longer than standard bits in high torque applications
- Compression Forged Tip – Ideal Fit and reduces breakage

- Precision engineered tips are manufactured with proprietary CNC machining process
- Made from S2 Modified impact resistant steel

#### SQUARE RECESS BITS

Size	OAL	Part No.
#1	1"	F43222
#2	1"	F43223
#3	1"	F43224
#2	2"	F43225



#### MAGNETIC NUT DRIVERS

Size	OAL	Part No.
1/4"	2-9/16"	F43231
5/16"	2-9/16"	F43232
3/8"	2-9/16"	F43233



- Shock Zone Geometry™ - Designed to flex with spring-like action. Reduces stress at the tip
- Custom Engineered Steel & Heat Treatment – High shock resistance

4

#### PHILLIPS INSERT BITS, 1/4" SHANK

Size	OAL	Part No.
#1*	1"	F41949
#2	1"	F41470
#2**	1"	F4890
#3	1"	F41950
#1	2"	F41946
#2	2"	F41300
#3	2"	F41954
#2	3.5"	F41348
#3	3.5"	F41960
#2	6"	F41961
#3	6"	F41962

\*5 Pack

\*\*25 Pack

3" Magnetic Bit Holder  
F43234



#### TORX INSERT BITS, 1/4" SHANK

Size	OAL	Part No.
T15	1"	F41951
T20	1"	F41952
T25	1"	F41953
T10	2"	F41957
T15	2"	F41947
T20	2"	F41767
T25	2"	F41245
T27	2"	F41948
T30	2"	F41958
T40	2"	F41959



#### SQUARE RECESS BITS, 1/4" SHANK

Size	OAL	Part No.
#1	1"	F41127
#2	1"	F41782
#2*	1"	F4586
#1	2"	F41955
#2	2"	F41586
#3	2"	F41956
#2	3.5"	F4904

\*10 Pack



3" Quick Release Magnetic Bit Holder  
F43235



### TAMPER RESISTANT SCREWS — REMOVAL TOOLS

#### ONE WAY SCREW REMOVAL TOOLS

Size	Part No.
#6-8	F130446
#10-12	F130447
1/4 (#14)	F130448



Removal Tool for  
one way screw



#### ULTRA ONE WAY SCREW REMOVAL TOOLS

Size	Part No.
#6	F130610
#8	F130611
#10	F130612
#12	F130613
#14	F130614



MILWAUKEE® 11 IN 1 MULTI-TIP SCREWDRIVER  
F42378

- All metal high torque ratchet delivers more durability and 2x driving speed
- 3-1/2" Power Groove Bits for power tool compatibility
- Chrome plated bits - Marine grade rust protection
- Magnetic bit retention delivers consistent driving performance
- Up to 10ga wire stripper and loop maker



MILWAUKEE® 10 IN 1 ECX™ RATCHETING MULTI-BIT DRIVER  
F42517

- Includes 6 bits and 3 nut drivers
- ECX Bit fits most specialty screws, including screws found in electrical boxes, conduit couplers and outlets
- Wire stripper strips up to 12-gauge wire for convenience
- Wire bending hole bends wire up to 12-gauge in size
- Length: 7-1/2"



## TOOLS — POWER BITS & NUT SETTERS

### POWER BITS

Overall Length	Description	Part No.
1-3/4**	1/4 Magnetic Nut Setter	F4884
1-3/4**	5/16 Magnetic Nut Setter	F41486
1-3/4**	3/8 Magnetic Nut Setter	F4879
1-3/4	7/16 Magnetic Nut Setter	F4118
2-9/16	1/4 Magnetic Nut Setter	F41335
2-9/16	5/16 Magnetic Nut Setter	F41254
2-9/16	3/8 Magnetic Nut Setter	F4843
2-9/16	7/16 Magnetic Nut Setter	F4524
6	1/4 Magnetic Nut Setter	F41054
6	5/16 Magnetic Nut Setter	F4958
6	3/8 Magnetic Nut Setter	F4751
1*	#1 Phillips Power Bit	F4724
1*	#2 Phillips Power Bit	F4581
1-15/16	#1 Phillips Power Bit	F4271
1-15/16	#2 Phillips Power Bit	F41147
1-15/16	#3 Phillips Power Bit	F4456

Overall Length	Description	Part No.
2-3/4**	#1 Phillips Power Bit	F4303
2-3/4**	#2 Phillips Power Bit	F4443
2-3/4	#3 Phillips Power Bit	F41043
2-3/4**	.250 Slotted Power Bit	F4667
2-3/4	5/16 Slotted Power Bit	F43889
3-1/2	#1 Phillips Power Bit	F41057
3-1/2	#2 Phillips Power Bit	F41563
3-1/2	#3 Phillips Power Bit	F41018
6	#1 Phillips Power Bit	F4128
6	#2 Phillips Power Bit	F4996
6	#3 Phillips Power Bit	F41069
6	1/4 Slotted Power Bit	F43890
6	5/16 Slotted Power Bit	F43891
2	#1 Square Power Bit	F4503
2	#2 Square Power Bit	F4196
2	#3 Square Power Bit	F41405

\*Reduced diameter

\*\*Included in kit



- Bits attach directly to most electrical screw drivers
- 1/4" Hex shanks
- Set (#F41590) comes with metal index

### MAGNETIC NUT DRIVERS, 1/4" SHANK

Size	OAL	Part No.
1/4"	1-7/8"	F41160
5/16"	1-7/8"	F41307
3/8"	1-7/8"	F4608
7/16"	1-7/8"	F41146
1/4"	2-9/16"	F4535
5/16"	2-9/16"	F4515
3/8"	2-9/16"	F4175
7/16"	2-9/16"	F4822

- Proprietary steel & heat treat process for maximum strength and durability
- Strong magnetic tip for secure grip
- Color-coded band for easy identification
- Chamfered edge for improved clearance

Size	OAL	Part No.
1/2"	2-9/16"	F42387
7mm	2-9/16"	F42382
8mm	2-9/16"	F42383
10mm	2-9/16"	F42384
12mm	2-9/16"	F42385
13mm	2-9/16"	F42386



4

### TORX POWER INSERT BITS 1/4" SHANK — 2" LENGTH

Sizes	Description	Part No.
#10	Torx power insert	F4237
#15	Torx power insert	F4315
#20	Torx power insert	F41724
#25	Torx power insert	F4520

Sizes	Description	Part No.
#27	Torx power insert	F4629
#30	Torx power insert	F41217
#40	Torx power insert	F41291



## TOOLS — FOLDING HEX KEY SETS

### HEX KEY SETS FOLDUP — BONDHUS

Sizes	Description	Part No.
050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16	Inch 050 - 3/16	F4165
5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4	Inch 5/64 - 1/4	F4909
3/16, 7/32, 1/4, 5/16, 3/8	Inch 3/16 - 3/8	F4439

Sizes	Description	Part No.
1.5, 2, 2.5, 3, 4, 5, 6	Metric 1.5mm - 6mm	F4757



- High quality metal handles
- Made in U.S.A.

### HEX KEY SETS ERGO-FOLD — EKLIND

Sizes	Description	Part No.
5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4	Inch Ballpoint 9 pc.	F4713
3/16, 7/32, 1/4, 5/16, 3/8	Inch Ballpoint 5 pc.	F4266
050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16	Inch Regular 9 pc.	F41615
5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4	Inch Regular 9 pc.	F41042
5/32, 3/16, 7/32, 1/4, 5/16, 3/8	Inch Regular 6 pc.	F4698

Sizes	Description	Part No.
2, 2.5, 3, 4, 5, 6	Metric Ballpoint 6 pc.	F4621
4, 5, 6, 8, 10	Metric Ballpoint 5 pc.	F4734
1.5, 2, 2.5, 3, 4, 5, 6	Metric Regular 7 pc.	F4294
3, 4, 5, 6, 8, 10	Metric Regular 6 pc.	F4267



- Composite grip handle shaped for superior ergonomics
- A soft cushion-grip insert provides comfort and slip resistance
- A hard shell provides maximum strength

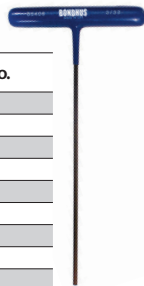
# SHOP SUPPLIES

## 2 Hand Tools

### TOOLS — T-HANDLE HEX KEYS

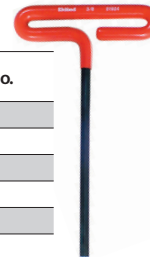
#### HEX KEY WRENCHES — T-HANDLES — 6"

Size	Part No.	Size	Part No.
T-Handle 3/32"	F4871	T-Handle 3/8"	F4673
T-Handle 7/64"	F41343	T-Handle 2mm	F4390
T-Handle 1/8"	F41442	T-Handle 2.5mm	F41540
T-Handle 9/64"	F41943	T-Handle 3mm	F4432
T-Handle 5/32"	F4537	T-Handle 4mm	F489
T-Handle 3/16"	F41538	T-Handle 5mm	F4986
T-Handle 7/32"	F4112	T-Handle 6mm	F41130
T-Handle 1/4"	F4870	T-Handle 8mm	F4911
T-Handle 5/16"	F4716	T-Handle 10mm	F4656



#### HEX KEY WRENCHES — T-HANDLES — 9"

Size	Part No.	Size	Part No.
T-Handle 3/32"	F41284	T-Handle 3/8"	F4735
T-Handle 7/64"	F41556	T-Handle 2mm	F4519
T-Handle 1/8"	F4853	T-Handle 2.5mm	F41742
T-Handle 9/64"	F41412	T-Handle 3mm	F4841
T-Handle 5/32"	F41754	T-Handle 4mm	F4736
T-Handle 3/16"	F41162	T-Handle 5mm	F4754
T-Handle 7/32"	F4739	T-Handle 6mm	F4603
T-Handle 1/4"	F41299		
T-Handle 5/16"	F41154		



#### SETS

Contents	Part No.
8 pc set in vinyl pouch includes sizes: 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"	F41203
8 pc set in vinyl pouch includes sizes: 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm	F4943

- High quality BONDHUS tools - Made In U.S.A.
- Vinyl coated handles - comfortable grip
- Size is printed on the handle
- **Length:** 6 inches



#### SETS

Contents	Part No.
8 pc set in vinyl pouch includes sizes: 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"	F4125
8 pc set in vinyl pouch includes sizes: 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm	F4408

- High quality Eklind brand — Made In USA
- One piece construction for extra strength
- Vinyl coated handles to reduce hand fatigue
- **Length:** 9 inches



### TOOLS — HEX KEYS

#### HEX KEY WRENCHES — SHORT & LONG ARM

SHORT ARM — INCH		SHORT ARM — METRIC	
Size	Part No.	Size	Part No.
(short) .035	F4583	(short) 1.5mm	F4299
(short) .050	F4467	(short) 2mm	F4132
(short) 1/16"	F41622	(short) 2.5mm	F4405
(short) 5/64"	F4319	(short) 3mm	F41126
(short) 3/32"	F41373	(short) 4mm	F4579
(short) 7/64"	F4217	(short) 5mm	F4802
(short) 1/8"	F41589	(short) 6mm	F4440
(short) 9/64"	F41099	(short) 7mm	F41059
(short) 5/32"	F41301	(short) 8mm	F41213
(short) 3/16"	F41681	(short) 9mm	F4575
(short) 7/32"	F4140	(short) 10mm	F4322
(short) 1/4"	F41073	(short) 12mm	F41316
(short) 5/16"	F4146	(short) 14mm	F4990
(short) 3/8"	F4282		
(short) 1/2"	F4137		
(short) 9/16"	F4902		
(short) 5/8"	F41268		
(short) 3/4"	F4399		

- High quality tools - Made In U.S.A.
- De-burred ends provide smooth engagement
- Metric and Standard (Inch) Sizes
- Size is stamped on each hex key



#### LONG ARM — INCH

Size	Part No.
(long) .050	F41421
(long) 1/16"	F4446
(long) 5/64"	F4476
(long) 3/32"	F41632
(long) 7/64"	F4243
(long) 1/8"	F41382
(long) 9/64"	F41662
(long) 5/32"	F4451
(long) 3/16"	F494
(long) 7/32"	F4335
(long) 1/4"	F4816
(long) 5/16"	F41658
(long) 3/8"	F4682
(long) 7/16"	F4296
(long) 1/2"	F4552
(long) 9/16"	F41497
(long) 5/8"	F4466
(long) 3/4"	F41473
(long) 7/8"	F4525
(long) 1"	F41346

#### LONG ARM — METRIC

Size	Part No.
(long) 1.3mm	F41472
(long) 1.5mm	F4974
(long) 2mm	F480
(long) 2.5mm	F4723
(long) 3mm	F41292
(long) 4mm	F4830
(long) 5mm	F4593
(long) 6mm	F41344
(long) 7mm	F41277
(long) 8mm	F41480
(long) 9mm	F41280
(long) 10mm	F41075
(long) 12mm	F41337
(long) 14mm	F41543
(long) 17mm	F4144
(long) 19mm	F4742

#### HEX KEY WRENCHES — IMPORT (METRIC)

Size	Part No. Short Arm	Part No. Long Arm
1.5mm	F4269	
2mm	F4240	
2.5mm	F4156	F4539
3mm	F4729	F41350
4mm	F4264	F41067
5mm	F41707	F4895
6mm	F4874	F4679
8mm	F4417	F4645
10mm	F4821	F4192
12mm	F41544	F41369
14mm	F41020	F4905
17mm	F4820	
19mm		F41457



- Alloy Steel
- Economical

#### TORX KEY WRENCHES — SHORT ARM

Size	Part No.
T-10	F4434
T-15	F41102
T-20	F41705

- High quality eklind tools - Made In U.S.A.
- Size is stamped on each tool



### TOOLS — HEX KEY SETS

Description	Part No.
Hex-Pro Hex Key Sae Set - 5 pc Includes: 3/16, 7/32, 1/4, 5/16, and 3/8 Inch Wrenches	F43864
Hex-Pro Hex Key Metric Set - 5 pc Includes: 3, 4, 5, 6, 8, and 10 MM Wrenches	F43658
<ul style="list-style-type: none"> <li>180 degree swivel head with extra long handle for accessing hard to reach places</li> <li>Pivot design allows for easy rotation around obstructions</li> <li>Pivot design allows you to keep the wrench and fastener engaged when access is limited</li> <li>Great time saver</li> <li>Heat treated alloy tool steel</li> <li>Chrome plated finish</li> <li>Includes heavy duty folding canvas storage pouch</li> <li>Takes up less storage space than a typical hex key set</li> <li>Lifetime Limited Warranty</li> </ul>	



### BONDHUS® - L-WRENCH SETS

Description	Description	Part No.
13pc Short Arm Fractional	.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8	F41734
13pc Long Arm Fractional	.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8	F4574
9pc Short Arm Metric	1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm	F4804
9pc Long Arm Metric	1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm	F4123



- Bondhus brand - Made in USA
- ProGuard™ corrosion-resistant finish
- Made from Protanium™ steel that is 20% stronger than competitive wrenches
- Bondhex™ plastic case locks keys securely in place

### TOOLS — HEX & TORX KEYS

#### BALLDRIVER® POWER BITS

Size	Part No.
5/64"	F41289
3/32"	F4179
7/64"	F4471
1/8"	F4309
9/64"	F469
5/32"	F41727
3/16"	F4387
7/32"	F498
1/4"	F4705
5/16"	F4435
3/8"	F4194

Size	Part No.
1/2"	F41603
2.0 mm	F41600
2.5 mm	F4709
3.0 mm	F4571
4 mm	F4404
5 mm	F41258
6 mm	F4624
12 mm	F41693



- Designed for power tools having 1/4" hex adapter
- Saves time and increases productivity
- Overall length 3"

#### BALLDRIVER® L-WRENCH SETS

Description	Sizes	Part No.
Inch set	.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8	F4701
Metric set	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10	F463



Balldriver® L-wrench sets are ideal where a variety of tool sizes are require. All set are packaged in key case. Wrenches slip easily into individually marked slots and twist to lock secure place.

#### BALLDRIVER® - L-WRENCHES (LONG ARM)

##### INCH

Size	Part No.
.050"	F4875
1/16"	F4803
5/64"	F472
3/32"	F4587
7/64"	F41678
1/8"	F41098
9/64"	F41762
5/32"	F41478
3/16"	F41435
7/32"	F4265
1/4"	F4869
5/16"	F4920
3/8"	F41366
7/16"	F41287
1/2"	F4644
9/16"	F41036
5/8"	F4963
3/4"	F41101

##### METRIC

Size	Part No.
1.27 mm	F4788
1.5 mm	F41654
2 mm	F4424
2.5 mm	F4139
3 mm	F456
4 mm	F4792
5 mm	F41318
6 mm	F41481
8 mm	F4964
10 mm	F4218
12 mm	F41030
14 mm	F41761
17 mm	F41243
19 mm	F41642



- Save time with the ballpoint on the long blade to reach remote and blind location
- The short end allows high torque and features precision chamfering that eliminates cut off burrs

# SHOP SUPPLIES

## 2 Hand Tools

### TOOLS — PUNCHES & CHISELS

#### FLAT CHISELS



Stock	Blade	Length	Part No.
7/16	1/2	6	F41100
1/2	5/8	6-1/2	F41145
3/4	7/8	7-1/2	F4324
7/8	1	8	F4501

#### PIN PUNCHES



Stock	Point	Pin Length	O.A.L.	Part No.
5/16	1/8	1	4-3/4	F4428
5/16	5/32	1	5	F41269
3/8	3/16	3-1/2	5-1/4	F41684
1/2	1/4	1-1/4	6	F41574

#### SOLID PUNCHES



Stock	Point	O.A.L.	Part No.
3/8	3/32	5	F41484
3/8	3/16	5	F41679
3/8	1/4	5	F41141

#### CENTER PUNCHES



Stock	Length	Part No.
3/8	5	F41571
5/16	5	F43588

#### LONG TAPER DRIFT PUNCHES



Stock	Point	Taper Length	O.A.L.	Part No.
3/8	5/32	4-1/4	9	F4235
1/2	3/16	5	10	F41270

#### PILOT PUNCHES



Number	Size	Part No.
1	1/16	F4685
2	5/64	F41097
3	3/32	F41758
4	1/8	F4727
5	5/32	F4295
6	3/16	F4898
8	1/4	F473
9	5/16	F4338

#### ARCH PUNCHES



Size	Part No.
1/4	F696
3/8	F6146
1/2	F6365
5/8	F61397
3/4	F61593

- For punching holes in leather, rubber, gasket material, and soft metals
- Inside taper for clearance
- Heat treated Sheffield forged steel

### TOOLS — CLAMPTITE™ BINDING

#### CLAMPTITE™ BINDING TOOL

Clamp anything...any size, any shape, anywhere.

The Clamptite™ tool provides a means for tightening wires wrapped around an object and then locking it in place. It can be used with various wire sizes, which eliminate space and strength issues often encountered with screw operated worm gear type clamps.

- Quickly replace ineffective or damaged conventional hose clamps
- Clamps formed using Clamptite™ seal a full 360° with no flat spots & can be used to band any type or size material

- F4929 – Small Clamptite™ Tool (use for wire up to .080" Dia.)  
 F4184 – Medium Clamptite™ Tool (use for wire up to .125" Dia.)  
 F4291 – Large Clamptite™ Tool. (use for wire up to .250" Dia.)

#### STAINLESS STEEL WIRE

- F41077 – .032" Dia., 1 lb dispenser  
 F4747 – .041" Dia., 1 lb dispenser  
 F4510 – .041" Dia., 50' roll  
 F4122 – .051" Dia., 1 lb dispenser  
 F9879 – .063" Dia., 1 lb spool



F73690



F72972



F4291

## TOOLS — CLAMPS AWLS & PICKS

### QUICK-GRIP SPRING CLAMP

Jaw Size	Part No.
1"	F4599
2"	F41056
3"	F4268

- Jaw contoured to hold round and odd-shaped objects
- Non-slip handles designed for comfortable hand span



### DEBURRING TOOL

Description	Part No.
Deburring Tool with 2 Blades	F4940
Blade for steel, copper, aluminum, and plastic	F41581

- Swivel head for ease of use
- Comes with two interchangeable blades
- 5" aluminum handle
- Replacement blades are available



### SCRATCH AWL

F41025

- Alloy steel blade
- Hardwood fluted handle is contoured for a comfortable grip
- Blade length: 3-1/2"
- Overall length: 6-1/2"



### 4 PIECE HOOK AND PICK SET

- F41121
- Set includes 4 screw in tips plus aluminum handle
  - All in a compact zipper pouch



4

## TOOLS — HAMMERS

### DEAD BLOW HAMMERS

Description	Part No.
Dead Blow Hammer 21 oz.	F41357
Dead Blow Hammer 42 oz.	F4131

- Non-sparking, soft face hammers will not mar surfaces or equipment
- Steel reinforced handles
- Steel shot in head absorbs impact and eliminates rebound



## TOOLS — TAPE MEASURES

### TRU-LOK MEASURING TAPE

Size	Part No.
1" x 25'	F41065
1" - 8M x 25'	F4928

- Positive locking blade
- Impact resistant case



# SHOP SUPPLIES

## 2 Hand Tools

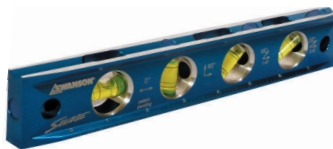
### TOOLS — LEVELS

#### SAVAGE™ MAGNETIC TORPEDO LEVEL

F41008

- 9" overall length
- Professional, heavy-duty cast aluminum construction
- Three rare earth magnets for hands free use
- Four leveling vials at 0°, 90°, 45° and 30° (30° vial is perfect for correctly bending pipe)

- Brightview™ milled vial windows for improved readability
- V-groove edge accepts round stock and pipe up to 10" in diameter
- Laser etched SAE/Metric rules and offset scales



### TOOLS — TOOL HOLDERS

4

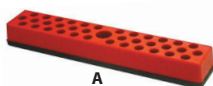
#### MECHANICS TIME SAVERS

- Increases productivity by allowing you to keep your tools next to you
- Eliminates loss of valuable hand tools and sockets
- Magnetically attaches to any metal surface such as a tool cart or vehicle
- Magnetic material will not magnetize tools or damage on-board computers

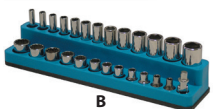
#### MAGNA CADDY

Part No.	Description	Color	Picture
F06045	1/4" Drive Hex Bit Organizer	RED	A
F42152	1/4" Drive Socket Holder Shallow/Deep	BLUE	B
F42153	1/4" Drive Socket Holder Shallow/Deep	RED	B
F42154	3/8" Drive Socket Holder Shallow	BLUE	C
F42155	3/8" Drive Socket Holder Shallow	RED	C
F42156	3/8" Drive Socket Holder Deep	BLUE	D
F42157	3/8" Drive Socket Holder Deep	RED	D

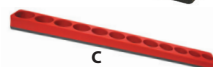
- Oil and fuel resistant
- Non-stick, high-impact plastic
- Powerful magnetic rubber base



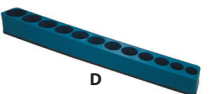
A



B



C

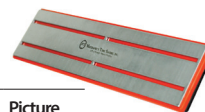


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#### MAGNA-STICK

Part No.	Description	Color	Picture
F42158	Magna-Stick Tool Holder	RED	E

- Low profile, 3/8" thick
- Designed to hold a variety of tools: screwdrivers, wrenches, sockets, pliers - not to mention nuts & bolts

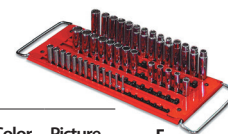


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#### LOCK-A-SOCKET

Part No.	Description	Color	Picture
F42159	Lock-A-Socket Tray	RED	F
F42160	1/4" Drive 12 Post Rail	RED	G
F42161	3/8" Drive 12 Post Rail	RED	G
F42162	1/2" Drive 12 Post Rail	RED	G

- Easy, yet strong, twist locking system
- Easily expandable to add more posts



F



G



## DRILL — CHUCKS & CHUCK EYES

### JACOB® DRILL CHUCKS

Description	Thread Size	Part No.
3/8" Capacity Keyed Drill Chuck*	3/8-24	F41149
1/2" Capacity Keyed Drill Chuck*	3/8-24	F453
1/2" Capacity Keyless Drill Chuck	3/8-24	F4773

- Thread mounted drill chucks
- Working parts are hardened and ground
- Pointed nose for extra clearance
- Keyed chucks come with key\*



### STAINLESS STEEL UNIVERSAL DRILL CHUCK KEYS

Description	Part No.
Large Key – Fits heavy duty 3/8" to 3/4" chucks	F4781
Small Key – Fits 1/4" to 1/2" light duty chucks	F4159

- Two sizes open almost any 1/4" to 3/4" drill chuck
- With these two sizes you can open over 200 different chucks
- Save wear on chucks by having the proper key size
- The squared center of the keys opens acetylene tanks
- Stainless steel construction for long life



## TOOLS — PNEUMATIC

### 1/4" STRAIGHT DIE GRINDER

F4894

- Compact and lightweight
- Lever throttle for feathering control
- Rear exhaust

#### Specifications:

- Collet Size: 1/4"
- Free Speed: 22,000 rpm
- Overall length: 5-3/4"
- Net weight: 1-1/4" lbs.
- Motor: 1/3" hp
- Air inlet thread: 1/4" NPT
- Air hose ID size: 3/8"
- Avg. air consumption: 4 cfm
- Air pressure: 90-120 psi



### 1/8" COLLET

F41169

- Allows use of 1/8" shank tools in die grinder with 1/4" collet



### 1/4" RIGHT ANGLE DIE GRINDER

F4484

- Compact and lightweight
- Lever throttle for feathering control
- Front exhaust

#### Specifications:

- Collet size: 1/4"
- Free speed: 20,000 rpm
- Overall length: 5"
- Net weight: 1 lb.
- Motor: 1/3 hp



- Air inlet thread: 1/4" NPT
- Air hose ID size: 3/8"
- Avg. air consumption: 3 cfm
- Air pressure: 90-120 psi

### 1/4" STUBBY RATCHET WRENCH

F41741

- Compact and lightweight
- Ideal for confined working areas
- Built-in regulator

#### Specifications:

- Square drive: 1/4"
- Free speed: 240 rpm
- Overall length: 6-1/2"
- Net weight: 1-1/8 lbs.
- Max. torque: 30 ft/lbs.



- Air inlet thread: 1/4" NPT
- Air hose ID size: 5/16"
- Avg. air consumption: 3 cfm
- Air pressure: 90-120 psi

### 3" CUT-OFF TOOL

F4191

- Self-locking throttle lever
- Chrome plated steel spark guard
- Built-in speed regulator
- Heavy duty motor for tough cutting jobs

#### Specifications:

- Wheel size: 3" x 3/8" hole
- Free speed: 20,000 rpm
- Overall length: 7-1/2"
- Net weight: 1-3/4" lbs.



- Air inlet thread: 1/4" NPT
- Air hose ID size: 3/8"
- Avg. air consumption: 6 cfm
- Air pressure: 90-120 psi

### 1/2" SUPER DUTY IMPACT WRENCH

F4598

- Durable twin hammer impact mechanism
- Steel hammer case provides maximum protection
- Two piece construction for easy maintenance
- Pressure feed lubrication system

#### Specifications:

- Square drive: 1/2"
- Free speed: 7,000 rpm
- Overall length: 6-3/4"
- Net weight: 5-3/4 lbs.
- Max. torque: 450 ft/lbs.



- Air inlet thread: 1/4" NPT
- Air hose ID size: 3/8"
- Avg. air consumption: 4.20 cfm
- Air pressure: 90-120 psi

### 3/8" REVERSIBLE AIR DRILL

F4502

- Compact and lightweight
- Full power in forward or reverse
- Built-in muffler for noise reduction
- Planetary gear system for long life

#### Specifications:

- Chuck capacity: 3/8"
- Free speed: 1,800 rpm
- Overall length: 7-7/8"
- Net weight: 2-1/2 lbs.
- Motor: 1/2 hp



- Air inlet thread: 1/4" NPT
- Air hose ID size: 3/8"
- Avg. air consumption: 7 cfm
- Air pressure: 90-120 psi

### 1/2" REVERSIBLE AIR DRILL

F486

- Side handle for greater operator control
- Variable speed throttle
- Built-in muffler for noise reduction
- Planetary gear system for long life

#### Specifications:

- Chuck capacity: 1/2"
- Free speed: 500 rpm
- Overall length: 9-1/4"
- Net weight: 4-1/3 lbs.
- Motor: 1/2 hp



- Air inlet thread: 1/4" NPT
- Air hose ID size: 3/8"
- Avg. air consumption: 7 cfm
- Air pressure: 90-120 psi

### AIR FILE BELT SANDER

F44098

- Great for Spot Weld Removal
- Simple belt tension lever
- Non-slip handle grip
- Variable speed control

#### Specifications:

- Belt Size: 1/2" X 18"
- Power: 0.5HP
- Free Speed: 16,000 rpm
- Air Consumption: 4 cfm
- Overall Length: 15.15" (385mm)
- Net Weight: 1.98 lbs. (0.9kg)
- Air Inlet: 1/4"
- Air Pressure: 90 psi



See "Abrasive - Portable Belts" section to select the belt for your application

### AIR FILE BELT SANDER

F41606

- Belt will rotate 360° and allow sanding in normally inaccessible working areas such as internal surfaces and narrow corners
- Uses 3/8" x 13" abrasive belt

#### Specifications:

- Pad size: 3/8" x 13"
- Free speed: 20,000 rpm
- Overall length: 11-1/2"
- Net weight: 1-1/3 lbs.
- Air inlet thread: 1/4" NPT
- Air hose ID size: 3/8"
- Avg. air consumption: 7 cfm
- Air pressure: 90-120 psi



See "Abrasive - Portable Belts" section to select the belt for your application

### TOOLS — PNEUMATIC (continued)

#### HEAVY DUTY AIR RECIPROCATING SAW

F41418

- Ideal for body shop repair, muffler, and exhaust work
- Adjustable blade guide increases blade life
- Cuts all types of aluminum, plastic, fiberglass and sheet metal
- Cuts intricate shapes on flat and curved surfaces

##### Specifications:

- Cutting capacity: 1.6mm - 2mm steel thickness
- Strokes per minute: 10,000
- Overall length: 8-1/2"
- Net weight: 2 lbs.
- Piston stroke: 1/4"
- Air inlet thread: 1/4" NPT
- Air hose ID size: 3/8"
- Avg. air consumption: 5 cfm
- Air pressure: 90-120 psi



#### 6" DAQ RANDOM ORBITAL SANDER

F4632

- DAQ - Dual Action, Quiet performance
- Built-in silencer and motor insulation provides quiet performance
- Balanced ball bearing construction for vibration-free performance
- Built-in regulator for positive speed control
- Includes 6" sanding pad
- Used for feather edging, metal preparation, and finish work on body filler

##### Specifications:

- Disc size: 6"
- Free speed: 10,000 rpm
- Overall length: 9-1/2"
- Net weight: 4-1/4 lbs.
- Spindle thread size: 5/16-24
- Air inlet thread: 1/4" NPT
- Air hose ID size: 3/8"
- Avg. air consumption: 5 cfm
- Air pressure: 90-120 psi



### TOOLS — BLOW GUNS

#### TYPHOON® PRO HIGH VOLUME BLOW GUN

F41184

- Variable flow control for precise air delivery
- Silicone free so ideal for use in paint applications
- Lightweight aluminum body with a rugged, chrome-plated brass high flow nozzle
- 34 CFM at 125 psi
- OSHA Compliant — Made in USA



#### TYPHOON BLOW GUN WITH EXTENSIONS

Length	Part No.
12"	F4530
24"	F4782
36"	F41080



#### NON-RESTRICTED RUBBER TIP

F73847

- To be used on blow guns with 30 PSI max pressure



#### NOZZLES

(MAY BE USED WITH PISTOL GRIP AND HEAVY DUTY BLOW GUNS)

Flow (CFM) @ 100 PSI	Description	Part No.
.50	air screen nozzle	F41644
(*)	needle tip nozzle	F4257

\*Nozzles 677.54 and 677.55 are not self relieving styles and should only be used on air lines regulated to 30 PSI



F41644



F4257

#### IN-LINE BLOW GUNS

- Unique "full flow" straight-design will not restrict downstream air flow
- Made of zinc and chrome-plated for durability and superior corrosion resistance
- 1/4" supply ports; 1/8" nozzle port
- **Pressure rating:** 150 psi



F4921



F41623

#### SAFTEY TYPE BLOW GUN

F4809

- **Maximum Working Pressure:** 110 psi
- Safety type metal tip
- 1/4" NPT brass air inlet
- Plastic body



#### COMFORT GRIP BLOW GUNS

F4367 - With 4" extension.

F4236 - With 10" extension.

- **Maximum Working Pressure:** 142 psi
- 1/4" NPT air inlet
- Plastic body



#### COMPACT SAFTEY LEVER BLOW GUN

F4549

- **Maximum Working Pressure:** 150 psi
- Both safety nozzle and rubber tip nozzle
- 1/4" NPT air inlet
- Zinc die-cast body



#### ADJUSTABLE POCKET BLOW GUNS

Description	Milton Part No.	Part No.
M-style Adjustable Blow Gun. Fits all Milton M-style or any 1/4" basic size Industrial Interchange Coupler body.	S115	F4565
A-style Adjustable Blow Gun. Fits all Milton A-style or any 1/4" ARO (No. 210) style Coupler Body.	S116	F4400
T-style Adjustable Blow Gun. Fits all Milton T-style or any 1/4" Tru-Flate/Parker style coupler body.	S117	F43184

- Two finger air control adjusts from a mere whisper to full volume air flow
- Specially designed knurled tip allows secure handling, even with oily or greasy hands
- Maximum inlet pressure 150 PSI
- SCFM 15.9 @100 PSI



#### WATER BIB

F41365

- Zinc alloy body
- Nitrile rubber spout
- **Operating Pressure:** standard municipal water pressure 30 to 35 psi
- Female 1/4" NPT thread





## LUBRICATION EQUIPMENT — GREASE GUNS

### GREASE GUN — GENERAL PURPOSE

F4244

- Lincoln No. 1142
- Provides pressure up to 10,000 PSI
- Rugged cast iron head
- **Three way loading:** cartridge, suction or bulk
- **Delivery:** 1 oz. per 21 strokes



### GREASE GUN — GENERAL PURPOSE

F41133

- Lincoln No. 1147
- Comes with 18" whip hose and coupler
- Rugged cast iron head
- **Three way loading:** cartridge, suction or bulk
- **Delivery:** 1 oz. per 33 strokes



### GREASE GUN — PISTOL GRIP

F4238

- Lincoln No. 1134
- Includes a heavy-duty 18" flexible hose with coupler and a rigid 4" tube
- Rugged single piece cast aluminum head
- Variable stroke provides both high pressure and high volume
- **Three way loading:** cartridge, suction or bulk
- Develops up to 7500 PSI



18" flexible hose included

### POWERLUBER™ GREASE GUN

F41643

- Lincoln No. 1162 Automatic Air Operated Grease Gun
- Durable, long lasting motor
- Self-priming, cycles continuously when trigger is pulled
- Low operational noise
- 40:1 ratio
- 6000 PSI capacity



### CORDLESS POWERLUBER™ GREASE GUN

F41624

- Lincoln No. 1242
- Rechargeable battery pack for unrestricted mobility
- 12 volt motor
- Plated steel barrel with exclusive flip-over follower for convenient three way loading
- Delivers consistent grease flow at up to 6000 PSI
- **Comes complete with:** 110 volt fast charger



12 volt NiCad battery 30" flex hose with spring guard  
Custom carrying case

### CORDLESS POWERLUBER™ GREASE GUN KIT

F4950

- Two-speed 14.4 volt high torque motor
- 7500 psi working output pressure
- 10oz/min. Grease output at 1000 psi
- **Comes complete with:** 110 volt fast charger 14.4 volt batteries (2) 30" high pressure hose with spring guard and coupler Carrying case



### GREASE GUN — HEAVY DUTY

F4162

- Provides pressure up to 10,000 psi
- Automatic variable stroke/pressure
- **Delivery:** 1 oz. per 21 strokes
- Features air vent fitting, vinyl grip, deluxe pull handle, positive lever stop
- Heavy-duty one-piece head
- 3-way loading
- Loader fitting included
- Rigid extension



### GREASE GUN — PISTOL GRIP

F41669

- Provides pressure up to 4,500 psi
- Automatic variable stroke/pressure
- **Delivery:** 1 oz. per 33 strokes
- Features air vent fitting, vinyl grip, handle, positive lever stop
- Heavy-duty one-piece head
- 3-way loading
- Loader fitting included



deluxe pull

### SUCTION GUN

F483

- For draining and refilling brake master cylinders, differentials, oil filters, gear cases, etc. 16 oz. capacity
- Includes flexible plastic extension 323821
- **Gun outlet:** 1/4" NPTF (f)



### GREASE GUN — ECONOMY

F4805

- Provides pressure up to 10,000 psi
- Features cartridge or suction fill
- One-piece metal head construction
- **Delivery:** 1 oz. per 21 strokes



### ECONOMY SUCTION GUN

F41691

- For filling and draining clutches, differentials and transmissions
- 16 oz. capacity
- Use with any type of non-corrosive lubricants
- Needs no priming
- Comes with 12" flexible vinyl hose



### LUBRICATION EQUIPMENT — GREASE GUNS (continued)

#### ULTRAVIEW™ CLEAR GREASE GUNS

- Identify which type of grease is in the gun
- Eliminate cross-contamination
- Shatter-proof, high-tech polycarbonate see-through barrel

#### LEVER ACTION

F42412

- Develops 8,000 PSI
- Variable stroke feature built in for use in confined areas
- Delivers 1.5 oz grease per 40 strokes
- High tolerance aluminum die cast head
- Heavy-duty follower spring
- Complete with 5.5" curved steel extension & 12" flexible hose and coupler with ball check



- Multiple loading via cartridge, suction, bulk
- For use with 14 oz grease cartridge or 16 oz bulk

#### PISTOL GRIP

F42413

- Develops 5,000 PSI
- Delivers 1 oz grease per 40 strokes
- Comfortable one-hand operation
- Unique bulk loader fitting doubles as air bleeder
- Pistol handle designed to prevent fingers from "pinching"
- High tolerance aluminum die cast head
- Complete with 5" steel extension & 12" flexible hose and coupler with ball check



#### ULTRAVIEW™ CLEAR SUCTION GUN

F42414

- Visually see exactly what is inside
- Determine amount of dirt or impurities in system
- Shatter-proof, high-tech polycarbonate see-through barrel
- Great for draining gear cases, transmissions and differentials
- Use with any type of non-corrosive liquid
- 16 oz (one pint) capacity
- 12" clear hose
- 9-3/4" stroke



#### PUMP OILERS

Description	Part No.
6 oz. Oiler	F41683
16 oz. Oiler	F41749

- Pistol style pump oilers
- Drawn steel bodies
- Rugged epoxy finish resists rust
- Flex spout is zinc plated and replaceable



### LUBRICATION EQUIPMENT — GREASE GUNS HOSES

#### GREASE GUN HOSE ASSEMBLY

F4654

- For use on hand operated grease guns only
- Assembly consists of 18" hose and 1/8" hydraulic coupler
- End connections are 1/8" nptf (m)
- Maximum working pressure is 4,800 PSI



#### GREASE GUN HOSES

12" Length — F4378

18" Length — F41604

#### For use on hand operated grease guns only

- Heavy-duty 1/8" NPT male fittings on each end
- 5,000 PSI recommended working pressure



#### HEAVY-DUTY GREASE GUN HOSES

12" Length — F41461

18" Length — F4252

#### For use on hand or air-operated grease guns

- Strategically placed coil spring provides non-slip, push-pull grip and prevents accidental "kinking" which could cause hose ruptures
- 4500 PSI maximum working pressure



### LUBRICATION EQUIPMENT — COUPLERS & ADAPTERS

#### HYDRAULIC COUPLERS



F4213  
Standard 1/8" NPTF



F41716  
Narrow 1/8" NPTF

- Provides quick, positive and leakproof connections with hydraulic fittings
- Equipped with built in check valve

#### HYDRAULIC COUPLERS (LINCOLN)



F41444  
Model 5852  
6000 PSI maximum operating pressure  
For all hydraulic type grease fittings  
Inlet 1/8" NPTF



F41449  
Model 5845  
7500 PSI maximum operating pressure

#### HYDRAULIC BALL CHECK COUPLER - 4 JAW



F4965  
20,000 PSI maximum working pressure  
1/8" NPT female  
1-7/16" length

## LUBRICATION EQUIPMENT — COUPLERS & ADAPTERS (continued)

### LOCKNLUBE® GREASE COUPLER

F79228

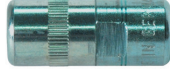
- Will not leak once locked on.
- Hands-free, does not release under pressure
- Rated up to 10,000 PSI.
- Will not leak once locked on.
- 1/8 NPT thread. Compatible with all grease guns.
- Works on all Zerk fittings, SAE and metric.



### HEAVY-DUTY HYDRAULIC COUPLER

F41525

- 4-element jaws turned out of a single piece of highly elastic steel
- Precise coupling and consistent jaw alignment with every use
- Case-hardened steel jaws and case
- Safely handles pressures up to 10,000 psi
- Maintains a positive seal at all times
- Eliminates leakage at case assembly point
- Durable elastic interior plug with high-performance spring



### UNIVERSAL SWIVEL

F41459

- Lincoln No. 81387
- 7500 PSI maximum operating pressure
- Thread sizes - 1/2-27 Male x 1/4"



### BUTTON HEAD COUPLER

F4635

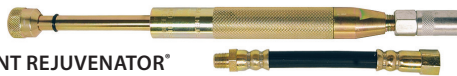
- 1/8" NPT Female
- Pull on, push on, hook on



### GREASE JOINT REJUVENATOR® PROFESSIONAL MODEL

F3565

- Loosens hardened grease in joints
- Cleans, replenishes & maintains old, dirty greasy fittings
- Cleans bearings on farm, lawn & construction equipment
- Provides a quicker and better option than fishing wire through, heating or disassembling the joint
- Includes 5" flex hose for hard to reach fittings



### HYDRAULIC ADAPTER

F41685

- Lincoln No. 5848
- 7000 PSI maximum operating pressure
- Built-in swivel allows full 360° circle
- Locks in any one of eight 45° positions
- Angle body has 1/8" NPTF inlet permits addition of pipe extension when required



### 90° ANGLE ADAPTER

F41389

- Angle adapter specially made for compact, subcompact and k-cars
- Ideal for working in tight areas



### NEEDLE ADAPTER

F41393

- Lincoln No. 5803
- Allows operator to contact flush type or hard-to-reach hydraulic type fittings



### NEEDLE NOSE ADAPTER

F4486

- For use in all universal joints and lubrication tight spots
- Consists of contact nozzle and locking sleeve
- **Length:** 5"



### EASY-OUT FITTING TOOLS

- All-in-one tool to extract broken fittings, rethread holes and install new straight and angle-type fittings
- For fittings with thread



F41179  
1/4"-28 Taper



F4485  
1/8" PT

## TOOLS — MAGNETS

F41576

10-lb Pick-up swivel head magnet with telescopic shaft



### MAGNETIC PICK-UP TOOL

F41053

- Heavy-duty magnetic pick-up tool with a blue molded grip for comfort
- Simply wave over ferrous material then retract the pull rod to release
- Perfect for picking up metal chips and shavings around machinery and work areas; can also be used for moving fasteners in and out of bins; hundreds of other uses and applications



### MAGNETIZER/DEMAGNETIZER

F4785

- Magnetize or demagnetize tools and small parts instantly
- Shatterproof box is made from high quality plastic
- Cadmium free
- **Size:** 2.1" x 2.0" x 1.1"
- To magnetize, lead tool slowly through the (+) opening
- To demagnetize, lead tool slowly through the (-) opening
- **Note:** parts under 1" length or 1/8" diameter may not demagnetize



F4732

Bent magnetic pick-up 19" length with bendable aluminum shank



### RAZOR BLADES

#### STANDARD # 9

F41446

- Regular duty single edge (.009 gauge)
- Aluminum backing
- Individually wrapped for rust prevention
- Ideal for cutting, scraping and trimming
- Fits standard razor blade tools
- 100 per tray
- **1000 pc bulk pack** — F42138



#### ECONOMY # 9

F41641

- Single edge razor blade (.09 gauge)
- Steel Backing
- Fits standard razor blade tools
- Sold 100 blades per box



#### PLASTIC BLADE

F4670

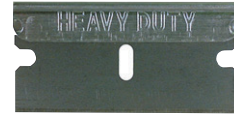
- Plastic scraper blade
- Safely removes stickers from plastic, coated windshields
- Ideal for cutting, scraping and trimming
- Will not cut or scratch work surfaces
- Fits standard razor blade tools



#### STANDARD # 12 (HEAVY DUTY)

F41672

- Heavy duty single edge (.012 gauge)
- Aluminum backing
- Similar quality as #9, but heavier gauge
- Ideal for cutting, scraping and trimming
- Fits standard razor blade tools
- 100 per tray



#### ECONOMY # 12 (HEAVY DUTY)

F41218

- Single edge razor blade (.012 gauge)
- Steel Backing
- Fits standard razor blade tools
- Sold 100 blades per box



#### POLYCARBONATE BLADE

F43170

- F43171 — 5 pack with holder
- Dual-sided blade
- Will not scratch underlying surface
- Chemical resistant and durable
- Edge dulls at a slower rate than other blades
- **Applications:** Gasket cleaning, fiberglass, tile, porcelain, ceramic, metal surfaces, and windows
- Sold 100 per box



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### TOOLS — SCRAPERS

#### WINDSHIELD SCRAPER

F41191

- Folds and locks closed for safe storage and carrying
- 1-1/2" wide by 5" long, unfolds to 8" overall length
- Blades lock open in 3 different positions
- Comes with one razor blade



#### DELTA HEAVY-DUTY GLASS SCRAPER

F4794

- Bio-engineered shape for better grip and precise control
- Longer handle keeps hands farther away from blade
- Blade is held at 5° offset angle for improved scraping
- Extra firm blade clamp holds blade under scraping pressure
- Comes with one blade



#### RAZOR BLADE SCRAPER

F4208

- Stainless Steel Hand Scraper
- Positive Brass Retention Slide
- Comes With a Package of 5 single edge blades
- Overall length 3-3/4"
- Made in USA



#### RETRACTABLE UTILITY BLADE GLASS SCRAPER

F41082

- Use to remove paint and stickers from glass, mirrors or windshields
- Rugged polystyrene construction
- Retractable blade with positive lock
- Built in scraping guide produces clean edges while leaving paint in contact with glass for proper seal
- 1 blade included



**F4605  
5 Pack  
Replacement  
Universal Utility Blades**

### TOOLS — RAZOR BLADE & UTILITY KNIVES

#### OLFA- SNAP - OFF BLADE KNIVES

- Superior Quality

- Always Sharp
- Economical

- Safety
- Easy Blade Adjustment

#### EXTRA HEAVY-DUTY RATCHET LOCK CUTTER

F41531

- Cushion grip
- Chemical resistant



#### HEAVY-DUTY AUTO LOCK UTILITY KNIFE

F41244

- Anti-slip cushion-grip handle
- Built-in metal for prying paint cans and more



#### RATCHET-LOCK UTILITY KNIFE

F41238

- Contoured durable handle



#### MULTI-PURPOSE UTILITY KNIFE

F4527

- For light duty cutting jobs
- Slide lock and pocket clip



#### MULTI-BLADE AUTO LOAD UTILITY KNIFE

F4973

- Automatic blade load-holds 5 blades



#### EXTRA HEAVY-DUTY REPLACEMENT BLADE

F4997

- 7 cutting edges per blade
- Package of 5



#### ULTRAMAX SNAP-OFF BLADE

F41436

- 18mm double honed blade for extreme sharpness
- 8 cutting edges per blade
- Package of 5



#### CUSHION GRIP RATCHET-LOCK UTILITY KNIFE

F4518

- Ratchet-wheel blade lock



#### SNAP-OFF BLADE

F4290

- 9mm carbon tool steel
- 13 cutting edges per blade
- Package of 10



#### ULTRA MAX SNAP-OFF BLADE

F4650

- 9mm double honed for extreme sharpness
- Package of 10





## TOOLS — RAZOR BLADE & UTILITY KNIVES (continued)

### STAINLESS STEEL SNAP-OFF BLADE

F41646

- 13 cutting edges per blade
- Package of 10



### STAINLESS STEEL SLIDE LOCK UTILITY KNIFE

F41521

- For moist environment where rust is a concern



### STAINLESS STEEL AUTO-LOCK UTILITY KNIFE

F41166

- Automatic blade lock

Replacement blade - F4650



### SNAP-OFF BLADE KNIFE (9MM)

F41621

- Cut cardboard, foil, paper, wallcovering, etc.
- 13 Sharp points per blade
- Retractable blade with AUTO-LOCK
- Stainless steel blade track
- Built-in blade breaker
- 3 Blades included (2 Blades stored in handle)



### SNAP-OFF BLADE KNIFE (18MM)

F41384

- Cut carpeting, drywall, wallcovering, cardboard, etc.
- 8 sharp points per blade
- Retractable blade with one-piece positive lock
- Stainless steel blade track
- Built-in blade breaker
- 3 blades included (2 blades store in handle)



### UTILITY KNIFE

F41003

- Ergonomic Shape, 6" overall length
- Handle is painted safety orange
- Industrial Quality, Retractable Blade With 3 position Zinc Retractor
- Safety Nose overlaps top & bottom for blade security
- **Store extra blades in handle (comes with one blade)**
- Made in USA
- Use utility blade **F41305** as replacement



### SELF-RETRACTING SAFETY KNIFE

F43290

- Smooth self-retraction – spring loaded shuttle
- Comfortable, non-slip handle – ergonomic design
- Dual function - utility knife and box cutter settings
- No tool needed for blade change – quick blade changes
- Stores up to 5 blades



### LENOX GOLD UTILITY KNIFE PACK

F41458

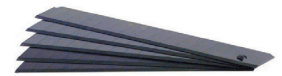
- Retractable utility knife with 3 Lenox Gold Utility Knife Blades
- Extremely durable stainless steel nose resists wear
- Quick release allows operator to change blades without opening handle
- Able to store up to 5 blades in the handle



### REPLACEMENT SNAP-OFF BLADES (9MM)

F4151

- 13 Sharp points per blade
- Carbon steel (5 blade/pk)



### REPLACEMENT SNAP-OFF BLADES (18MM)

F4506

- 8 sharp points per blade
- Carbon steel (5 blades/pack)



### REPLACEMENT SNAP-OFF BLADES (9MM)

F4506

- 7 cutting edges per blade
- Carbon steel (10 blades/pack)



### FASTBACK™ FLIP UTILITY KNIFE

F42354

- One Handed Blade Opening - Flip Blade Open up to 3X Faster
- Tool free blade change
- Wire stripper – strip up to 10 ga wire
- Integrated gut hook – cut without opening knife
- Length: 7-1/4"



### UTILITY BLADES

- Heavy duty utility blade #92 (.025 gauge) — F41305
- Fits most utility knives including Stanley®, Red Devil®, and Fuller®
- Ideal for cutting drywall, fiberglass, wood, plastic, cardboard, etc.
- Use with **F4208** tool
- Dispenser unit with 100 H.D. Blades — F41234



### LENOX GOLD BI-METAL UTILITY KNIFE BLADES

- Patented bi-metal construction
- Gold coated edge is double the hardness of ordinary utility blades
- Shatter-resistant and virtually unbreakable
- Up to 5X the life of standard carbon steel blades
- 4 notch design extends blade further for deeper cutting



### BLADE BANK

- Bright, yellow plastic, one-time-use blade container (9 1/2" H x 3 1/2" W x 2 1/2" D)
- Get used blades out of the workplace, off the floor, out of trash containers and all potentially hazardous locations
- Holds approximately 1000 utility style blades
- When plastic unit is full dispose of in any approved receptacle



F41647  
With Wall Bracket

### BLADE DISPOSABLE CONTAINER

F41047

- Includes wire holder
- For utility-Knife blades and single-edged razor blade



### WIPERS — TORK ADVANCED 430

- Highly absorbent - excellent wipe-dry capabilities
- Soft, cloth-like feel
- Strong & durable, won't tear easily

- Absorption excellent for cleaning up both oil and water
- Particularly good for cleaning glass - does not leave any lint or streaks on surfaces

F4935

- Pop-Up Box
- **Size:** 9.5" x 16.5"
- **Color:** White
- **Box Qty:** 100 Wipers
- **Case Qty:** 8 Boxes



F41671

- Centerfeed Roll
- **Size:** 9.5" x 16.5"
- **Color:** White
- **Roll Qty:** 300 Wipers
- **Case Qty:** 2 Rolls
- Dispenser - F4748



F44125

- Top-Pack Refill
- **Size:** 13.6" x 16.3"
- **Color:** White
- **Box Qty:** 150 sheets
- **Case Qty:** 5
- **Dispenser:** F43284



### WIPERS — TORK ADVANCED 450

- Highly absorbent - excellent wipe-dry capabilities
- Strong enough to power through oil, grease & solvents - versatile enough for everyday, general cleanup & spills

- Thick, low linting cloth-like construction - excellent replacement for cloth rags
- Durability & high performance characteristics make these a perfect choice for a wide variety of uses

4

F4636

- Pop-Up Box
- **Size:** 9.5" x 16.5"
- **Color:** White
- **Box Qty:** 100 Wipers
- **Case Qty:** 8 Boxes



F41653

- ShopMax Centerfeed Box
- **Size:** 9" x 13"
- **Color:** White
- **Box Qty:** 200 Wipers
- **Case Qty:** 4 Boxes



F41342

- ShopMax Roll
- **Size:** 9" x 13"
- **Color:** Blue
- **Roll Qty:** 56 Wipers
- **Case Qty:** 30 Rolls



F4444

- ShopMax Centerfeed Dry Wipe
- Bucket Dispenser Refill
- **Size:** 10" x 13"
- **Color:** White
- **Roll Qty:** 200 Wipes
- **Case Qty:** 2 Rolls



F41692

- ShopMax Centerfeed Dry Wipe
- Bucket Dispenser
- **Size:** 10" x 13"
- **Color:** Blue
- **Bucket Qty:** 200 Wipes
- **Case Qty:** 2 Buckets
- **Refill:** F41494



F41494

- ShopMax Centerfeed Dry Wipe
- Bucket Dispenser Refill
- **Size:** 10" x 13"
- **Color:** Blue
- **Roll Qty:** 200 Wipes
- **Case Qty:** 2 Rolls



F4674

- Centerfeed - Jumbo Roll
- **Size:** 9.8" x 13.25"
- **Color:** Blue
- **Roll Qty:** 800 Wipes
- Dispenser - F4731



### WIPERS — TORK PREMIUM 510/530 MULTI-PURPOSE CLOTH

- Premium cloth wipers are perfect choice for cleaning surfaces, tools & other heavy-duty maintenance

- High absorbency makes cleaning oil, grime and solvents quick & easy
- Low lint design makes them perfect for most jobs

F41738

- Pop-Up Box
- **Size:** 8.5" x 16.5"
- **Color:** White
- **Box Qty:** 80 Wipers
- **Case Qty:** 5 Boxes



F4316

- 1/4 Fold Box
- **Size:** 12.6" x 13"
- **Color:** White
- **Box Qty:** 50 Wipers
- **Case Qty:** 6 Boxes



F4307

- Centerfeed Roll
- **Size:** 10" x 12.6"
- **Color:** White
- **Roll Qty:** 500 Wipers
- **Case Qty:** 1 Rolls
- Dispenser - F4731



F43282

- Soft, flexible cloth can fit in tight spaces
- Unique gray color distinguishes it from typical wipers
- Ideal for cleaning oil and grease
- Excellent absorbency cleans overspray
- Contains 100% synthetic and virgin fibers
- Extremely durable cloth with low-lint brushoff
- Top-Pak style
- **Size:** 15"x16.5"
- **Color:** Gray
- **Package Qty:** 140 Wipers
- **Case Qty:** 5 packs
- Dispenser - 865.05.1000



## WIPERS — TORK WASHROOM REFILLS



- F4493**
- Centerfeed Hand Towel Roll
  - **Size:** 8.25" x 11.8"
  - **Color:** White
  - **Roll Qty:** 600 Towels
  - **Case Qty:** 6 Rolls



- F4840**
- Universal 2-Ply Bath Tissue Roll
  - **Roll Width:** 4.5"
  - **Roll Length:** 156.25 ft
  - **Roll Dia.:** 4.35"
  - **Roll Qty:** 500 Sheets
  - **Case Qty:** 96 Rolls

## WIPERS — TORK DISPENSERS



**F4748**  
Centerfeed Dispenser  
14"H x 9.75"W x 9"D



**F42171**  
Centerfeed Dispenser  
17.5"H x 12.9"W x 11.9"D



**F43284**  
Folded Towel Dispenser  
Capacity 225 Wipers  
15.51"H x 16.81"W x 8.11"D



**F4731**  
Floor Stand Dispenser

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## SHOP TOWELS & WIPES

### SHOP TOWELS

Description	Size	Packaging	Part No.
Shop Towel (Red)	15" x 15"	25 Towels/bundle	F4744
Terry Towel (White)	14" x 17"	12 towels/bundle	F4730
Cotton Rags(White)		25# Box	F4121



- Multi-use
- Washable
- 100% cotton; pre-washed
- Shop towel (Red), Terry towel (White)
- Sold by the bundle

### HEAVY WEIGHT WIPERS

Color	Wipers/Box	Part No.
Blue	100	F4538

- Made for the toughest clean-ups
- Extra Strong
- **Pop up box - wiper size:** 9.5" x 16.5"



### CHUX GENERAL PURPOSE WIPER

Color	Wipers/Box	Part No.
White	150	F41333

- Absorbent four-ply scrim towel
- Wipe dry feature for streak-free wiping
- Low linting
- 9.5 x 16.5
- 6 Boxes per case
- Sold by case



### GEORGIA PACIFIC — MULTI-FOLD & C-FOLD TOWELS



The EPA Comprehensive Procurement Guideline Program is a federal buy-recycled program that is managed by the U.S. Environmental Protection Agency. This program has been developed to promote the use of recovered materials. It also designates items with minimum recovered fiber content that procuring government agencies must purchase.

EcoLogo™ is North America's largest, most respected environmental standard and certification mark. The EcoLogo program compares products and services with others in the same category and awards the EcoLogo certification to those that are environmentally preferable.

#### SIGNATURE® 2-PLY PREMIUM MULTIFOLD PAPER TOWELS

F41404

- Premium 2-Ply towel offers super absorbency with every hand dry
- Customer-preferred patented honeycomb pattern creates thick, luxurious softness
- Designed to fit into a wide range of multifold dispensers
- **Dispensers:** F41327 (Chrome)
- **Sheet Size:** 9.2" x 9.4"
- 125 Sheets per pack / 16 packs per case
- Sold by case



#### ACCLAIM® MULTIFOLD PAPER TOWELS

F4210

- Designed to fit into a wide range of multifold dispensers
- Offers dependable absorbency, thickness, and strength
- Low per-unit cost make these paper towels an affordable, good everyday choice
- **Dispensers:** F41327 (Chrome)
- **Sheet Size:** 9.2" x 9.4"
- 250 sheets per pack / 16 packs per case
- Sold by case



#### ENVISION® MULTIFOLD BROWN PAPER TOWELS

F4800

- Designed to fit into a wide range on multifold dispensers
- Offers dependable absorbency, thickness, and strength
- Low per-unit cost make these paper towels an affordable choice for high traffic areas
- Recycled material meets or exceeds EPA Comprehensive Procurement Guidelines for minimal post consumer waste percentage
- **Dispensers:** F41327 (Chrome)
- **Sheet size:** 9.2" x 9.4"
- 250 sheets per pack / 16 packs per case
- Sold by case



#### SIGNATURE® 2-PLY PREMIUM C-FOLD PAPER TOWEL

F41450

- Premium 2-Ply towel offers more absorbency with every hand dry
- Designed to fit into a wide range on multifold dispensers
- Customer-preferred patented honeycomb pattern creates thick, luxurious softness
- **Dispensers:** F41327 (Chrome)
- **Sheet Size:** 10.1" x 13.2"
- 120 Sheets per pack / 12 packs per case
- Sold by case



#### COMBINATION C-FOLD OR MULTIFOLD PAPER TOWEL DISPENSERS

- Durable and versatile towel dispensers holds up to 400 C-Fold or 600 multifold paper towels
- Offers an economical and versatile approach to towel dispensing



F41327  
(Chrome)



**PAPER — GEORGIA PACIFIC UNIVERSAL ROLL TOWELS**

**SIGNATURE® 2-PLY PREMIUM HIGH CAPACITY ROLL TOWELS**

F4203

- 2-Ply towel offers more absorbency with every hand dry
- Customer-preferred patented honeycomb pattern creates thick, luxurious softness
- Designed to fit into a wide range of universal hardwound roll dispensers
- **Dispenser:** F41094
- **Roll Width:** 7.87"
- **Core Size:** 1.625"
- 600 Feet per roll
- 12 Rolls per case
- Sold by case



**PREFERENCE® HIGH CAPACITY ROLL TOWEL**

F41150

- High quality, white hardwound towels offer quality & reliable performance while keeping costs under control
- High Capacity 1000 foot roll reduces maintenance intervals and risk of run out
- Designed to fit into a wide range of universal hardwound roll dispensers
- Preferred choice for high traffic washrooms
- **Dispenser:** F41094
- **Roll Width:** 7.87"
- **Core Size:** 1.625"
- 1,000 feet per roll
- 6 Rolls per case
- Sold by case



**ENVISION® HIGH CAPACITY ROLL TOWEL**

F4461

- Offers dependable absorbency, thickness, and strength
- Designed to fit into a wide range of universal hardwound dispensers
- Low per-unit cost make these paper towels a good everyday choice
- **Dispenser:** F41094
- **Roll Width:** 7.87"
- **Core Size:** 1.625"
- 800 feet per roll
- 6 Rolls per case
- Sold by case



**ENVISION® HIGH CAPACITY ROLL BROWN PAPER TOWEL**

F4601

- High capacity, EPA compliant, economical, brown hardwound roll towels offer reliable performance at a low cost.
- Dependable absorbency, thickness, and strength
- Designed to fit into a wide range of everyday dispensers
- Affordable choice for high-traffic areas
- **Dispenser:** F41094
- **Roll Width:** 7.87"
- **Core Size:** 1.625"
- 800 Feet per roll
- 6 Rolls per case
- Sold by case



**PREFERENCE® 2-PLY PERFORATED ROLL TOWEL**

F4851

- Lasting strength and absorbency make this towel ideal for everyday cleaning and wiping tasks.
- **Fits any "household" paper holder / dispenser**
- 85 Sheets per roll
- 30 Rolls per case
- Sold by case
- **Roll Width:** 11"
- **Core Size:** 1.625"



**VISTA® HYGIENIC PUSH PADDLE ROLL PAPER TOWEL DISPENSER**

F41094

- Great combination of portion control for operational efficiency and an enhanced push paddle design for hygienic dispensing
- The push-paddle design allows for "limited hand contact" dispensing which helps reduce the risk of cross-contamination Dispenses high capacity 8 Inch diameter rolls
- ADA compliant when mounted properly
- Perfect for manufacturing, offices, schools and other high traffic areas



**PAPER — GEORGIA PACIFIC ENMOTION® ROLL TOWELS**

**en MOTION® HIGH CAPACITY ROLL TOWEL**

F4813

- One-at-a-time, touch free dispensing reduces usage and minimizes the risk of cross contamination
- Premium towels for dependable, cost-saving performance and customer satisfaction
- Each high capacity roll provides up to 800 hand dries for continuous service and reduced service visits
- **Specifically designed to be used with the innovative wall mounted enMotion touch-free dispensers**
- 800 Feet per roll
- 6 Rolls per case
- Sold by case



**en MOTION® HIGH CAPACITY BROWN ROLL TOWEL**

F41508

- One-at-a-time, touch free dispensing reduces usage and minimizes the risk of cross contamination
- Each high capacity roll provides up to 800 hand dries for continuous service and reduced service visits
- **Specifically designed to be used with the innovative wall mounted enMotion touch-free dispensers**
- 800 Feet per roll
- 6 Rolls per case
- Sold by case



**en MOTION® WALL MOUNT AUTOMATED TOUCHLESS TOWEL DISPENSER**

F41202

- "Touchless" dispensing minimizes the risk of cross-contamination & creates a more hygienic environment
- Adjustable settings for sheet length, time delay, sensor range and dispensing mode controls usage and increases operational efficiency
- One-at-a-time towel dispensing reduces waste and lowers operating costs
- When compared to standard folded towel system, the enMotion® dispenser helps achieve waste reduction at the source by reducing towel usage by up to 30%
- Powered by 4 Standard D-Cell Batteries (Included)
- UL Listed



# SHOP SUPPLIES

## 3 Maintenance Tools & Supplies

### PAPER — GEORGIA PACIFIC CENTERPULL TOWELS

#### SOFPULL® PREMIUM 1-PLY REGULAR CAPACITY CENTERPULL PAPER TOWELS

F41395

- Touchless dispensing minimizes the risk of cross contamination
- Soft, absorbent towel dries hands quickly or wipes up large spills and tough messes
- One-at-a-time dispensing minimizes waste
- **Must use with SofPull® towel dispenser (F4231)**
- **Roll Width:** 7.8"
- **Core Size:** 2.375" **Sheet Size:** 7.8" x 15"
- 320 Sheets per roll / 6 Rolls per case
- Sold by case



#### SOFPULL® REGULAR CAPACITY CENTERPULL TOWEL DISPENSER

F4231

- Touchless dispensing minimizes the risk of cross contamination
- Dispenses regular capacity 320 sheet rolls ideal for steady traffic areas and extended service intervals
- Easy to load, self-threading design
- Durable construction to maintain aesthetics
- **Must use with SofPull® centerpull towels (F41395)**



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#### ACCLAIM® 1-PLY CENTERPULL PERFORATED TOWELS

F4111

- Quick and easy hands free dispensing helps reduce the risk of cross contamination
- High capacity centerpull rolls great for high-traffic areas
- **Sheet Size:** 7-1/2" x 12"
- **Roll Width:** 7.25"
- **Core Size:** 3"
- 1000 Sheets per roll / 6 Rolls per case
- Sold by case



#### CENTERPULL TOWEL AND WIPER DISPENSER

F41026

- High-Impact plastic construction is durable, washable, and stands up to most cleaning agents, ensuring years of cost-saving performance
- High-capacity multi-substrate centerpull dispenser dispenses a variety of medium duty wipers for all your particular wiping tasks
- Ideal for use in manufacturing, education, stadium, travel and other high-traffic facilities



#### PREFERENCE® 2-PLY CENTERPULL PERFORATED PAPER WIPERS

F4225

- Hands-free dispensing minimizes the risk of cross contamination
- Embossed for superior absorbency and softness
- Can be used as a premium hand towel or as a medium-duty wiper
- Ideal for high traffic areas
- **Roll Width:** 8.25"
- **Core Size:** 2.375"

- **Sheet Size:** 8-1/4" x 12"
- 520 Sheets per roll / 6 Rolls per case
- Sold by case



### PAPER — GEORGIA PACIFIC FACIAL TISSUE

#### PREFERENCE® FACIAL TISSUE, FLAT BOX

F41105

- Two lush plies combine to offer thickness, strength and absorbency
- Soft, absorbent, value-oriented white 2-ply facial tissue offers a cost-effective solution for high-traffic facilities
- Color contrast sheets help indicate when it's time to change the tissue box
- 100 Sheets per box
- 30 Boxes per case
- Sold by case



#### ENVISION® FACIAL TISSUE, FLAT BOX

F4239

- Affordable solution for locations with multiple areas
- Economical facial tissue employees, guests, tenants will appreciate
- 100 Sheets per box
- 30 Boxes per case
- Sold by case



## PAPER — GEORGIA PACIFIC BATHROOM TISSUE

### ANGEL SOFT PS® 2-PLY PREMIUM EMBOSSED BATHROOM TISSUE F41134

- High capacity 450-sheet count saves decreases roll changes which reduces labor costs.
- Safe for all standard sewer and septic systems
- 450 Sheets per roll
- 80 Rolls per case
- Sold by case



### PREFERENCE® 2-PLY EMBOSSED BATHROOM TISSUE F4398

- Safe for all standard sewer and septic systems
- 550 Sheets per roll
- 80 Rolls per case
- Sold by case



### ENVISION® 2-PLY EMBOSSED BATHROOM TISSUE F41124

- 2-Ply embossed sheet engineered for improved softness & durability
- Safe for all standard sewer and septic systems
- 550 Sheets per roll
- 80 Rolls per case
- Sold by case



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## PAPER — VON DREHLE FOLDED TOWELS

You don't have to choose between recycled paper and superior performance. These soft, absorbent towels have a drying strength that reduces consumption. Packaged for easy handling and storage, these premium towels provide softness and absorbency your customers will appreciate. Ideal for office buildings, hotels, restaurants, college or universities.

#### F43082 -C-fold

- Towels combine a quality look & feel with economy and practicality
- **Sheet Size:** 10-1/8" x 13"
- 150 Towels per pack
- 16 packs per case
- Made from 100% recycled fiber
- **Dispenser:** F43080
- Sold by case



#### F42176 -Multifold

- Each full size towel is dispensed individually assuring superior hygiene & continuous dispensing
- **Sheet Size:** 9-1/4" x 9-1/2"
- 250 Towels per pack
- 16 Packs per case
- Green Seal Certified
- **Dispenser:** F43080
- Sold by case



#### F43080

- C-Fold/Multifold Combination Dispenser
- Transparent smoke cover
- Holds 300 C-fold or 500 Multifold towels at one time
- Size: 5"D x 11.25"W x 15.25"H



## PAPER — VON DREHLE FACIAL TISSUE

These soft, white tissues are designed for use alone or in a countertop dispenser. Because these tissues easily pull out one at a time, fewer are used.

#### F42180

- 2 Ply
- Sheet Size: 8.5" x 7.5"
- 100 Sheets per box
- 30 boxes per case
- Sold by case



### PAPER — VON DREHLE HARDWOUND TOWELS

These bulky, thirsty towels are soft, strong and absorbent, yet competitively priced. Designed to fit into a wide range of dispensers, economy hardwound everyday towels help you keep costs under control. Low per-unit costs makes these towels the affordable choice for high-traffic areas such as washrooms in government and public facilities, office buildings, foodservice facilities and lodging.

#### F42137

- Mechanical Hands-Free Dispenser
- For standard 8" wide hardwound roll towels
- Attractive design is perfect for most any application
- No batteries to replace
- Controls usage



#### F42181

- Roll Width: 79"
- Core Size: 2"
- 800 feet per roll
- 6 rolls per case
- Green Seal Certified
- Mechanical Hands-Free Dispenser: 865.07.8861
- Electronic Hands-Free Dispenser: 865.07.2245\
- Sold by case



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#### F42175

- Perforated Household Roll Towel
- Highly absorbent & durable – ideal for tough jobs
- 2 ply construction
- 11" x 9" sheets
- 85 sheets per roll
- 30 rolls per case
- Green Seal Certified
- Sold by case



#### F42179

- Roll Width: 10"
- Core Size: 1.75"
- 800 feet per roll
- 6 rolls per case
- Green Seal Certified
- Designed to fit 10" major brand electronic hands-free dispensers
- Dispenser: 865.07.1080
- Sold by case



### PAPER — VON DREHLE CENTERPULL TOWELS

Centerpull systems are the most efficient, economical, hands-free drying method available. Ideal for restrooms, kitchens, food preparation areas, and other high-traffic locations where sanitation is important. You use only the towel you touch, eliminating cross-contamination. Each roll is perforated to deliver only one clean, dry, germ-free sheet at a time to control usage and reduce waste. Green Seal Certified.



#### F42177

- 2 Ply
- Roll Diameter: 8.3"
- Roll Width: 7.6"
- Core Size: 2.36"
- 600 feet per roll
- 6 rolls per case
- Dispenser – 865.07.6622
- Sold by case



#### F42549

- 1 Ply
- Roll Diameter: 8.4"
- Roll Width: 7.6"
- Core Size: 2.36"
- 1000 feet per roll
- 6 rolls per case
- Dispenser – 865.07.6622
- Sold by case



#### F42178

- Standard Centerpull Dispenser
- Transparent smoke cover
- Unique mounting system with removable mounting plate
- No moving parts – simplest, most cost effective, hands-free towel dispenser available
- Watertight – can be used in moist environments or where washdowns are required



#### F42132

- 2 Ply Mini -Roll
- Roll Diameter: 5.8"
- Roll Width: 8.3"
- 264 feet per roll
- 12 rolls per case
- Dispenser – 865.07.2644
- Sold by case



#### F42133

- Mini Centerpull Dispenser
- Transparent smoke cover
- Perfect for high-traffic limited space areas
- Unique mounting system with removable mounting plate
- Size: 7"D x 14"H x 8"W



## PAPER — VON DREHLE BATHROOM TISSUE

Feather Soft is a universal, soft, absorbent, economical 2-ply tissue that delivers quality, value and performance. Elegantly embossed, enhances bulk and softness. Each roll is overall wrapped, ensuring sanitary protection. Easy start tail seal prevents waste. Special tightly wound rolls for source reduction and space savings benefits. Rapid break-up capabilities are ideal for all plumbing systems. Biodegradable and safe for use in septic systems, boats, RVs and motorhomes. Made from 100% recycled fibers an environmental benefit, and a positive image builder.



### F42136

- Tissue Size: 4.5" W x 3.6" L
- Safe for sewer and septic systems
- 500 sheets per roll
- 96 rolls per case
- Twin Roll Dispenser – 865.07.2500
- Sold by case



### F43081

- Standard Twin Roll Dispenser
- Holds 2 rolls of standard bath tissue up to 5.3" diameter and 4.5" width
- Translucent cover to monitor tissue supply
- Rolls selector eliminates stub roll waste
- Reserve roll is enclosed for maximum hygiene



## PAPER — VON DREHLE JUMBO ROLL TOILET TISSUE

Jumbo Roll Bathroom Tissue (JRT tissue) is an affordable choice for high-traffic areas, such as washrooms in hotels, office buildings, public facilities, schools, foodservice and healthcare facilities. Each jumbo-sized roll delivers an economical 1,000 feet of tissue, which means reduced maintenance time and greater customer satisfaction by decreasing the chances of run-out during peak times.



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### F42173

- Two ply construction for the softest feel
- Industry standard 9" diameter roll
- 1000 feet per roll
- 12 rolls per case
- JRT Single Roll Dispenser – 865.07.4200
- JRT Twin Roll Dispenser – 865.07.3253
- Sold by case



### F42135

- Single Jr. Jumbo Roll Dispenser
- Perfect for high traffic areas where space is limited
- Holds one 9" diameter rolls with 3.3" cores
- Virtually indestructible



### F42134

- Twin Jr. Jumbo Roll Dispenser
- Perfect for high traffic areas
- Holds two 9" diameter rolls with 3.3" cores
- Access control slide eliminates stub roll waste



## TRASH CAN LINERS

### ECOSAC CAN LINERS

Part No.	Size	Color	Gauge	Gallon Capacity	Case Qty
F41295	24" x 32"	Brown	.35 mil	15	500
F4116	33" x 39"	Black	1.5 mil	33	150
F4978	40" x 48"	Black	1.5 mil	40-45	100
F495	38" x 60"	Black	1.5 mil	55	100

- Tri-extruded can liner with a center layer of recycled raw material
- Star-sealed bottom prevents vacuum at bottom of container that can restrict easy lifting
- All resins are 100% recyclable, inks and colorants are heavy-metal free
- **SOLD BY CASE**



### DETERMINING CORRECT LINER SIZE:

**Bag Width:** To calculate the proper width of the can liner for your container, simply divide the circumference of your container by 2

**Square Container Circumference** = sum of all four sides added together

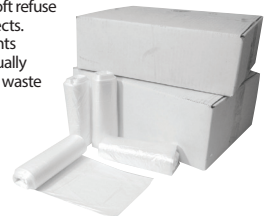
**Round Container Circumference** = diameter multiplied by 3.14

**Bag Length:** (Round + Square Containers) add the height of the container, plus 4-5 inches for overhang

### HIGH DENSITY CAN LINERS

Part No.	Size	Color	Gauge Microns	Gallon Capacity	Case Qty
F42206	24" x 33"	Natural	8	12-16	1,000 (20 rolls of 50)
F42207	30" x 37"	Natural	13	30	500 (10 rolls of 50)
F42208	33" x 40"	Natural	16	33	250 (10 rolls of 25)
F42211	38" x 60"	Natural	17	55	200 (8 rolls of 25)
F42217	40" x 48"	Natural	13	45	250 (10 rolls of 25)
F42213	43" x 48"	Natural	16	56	200 (8 rolls of 25)

- Excellent economical choice for heavy, wet trash & soft refuse as long as there are no sharp or irregular shaped objects.
- Great for offices, restrooms, waiting areas & restaurants
- Manufactured with star seal bottoms, which will virtually eliminate leaks & also conform better to shape of the waste receptacle.
- Liners are on coreless rolls
- **SOLD BY CASE**





### TRASH CAN LINERS (continued)

#### PREMIUM LOW DENSITY CAN LINERS

Part No.	Size	Color	Gauge Mils	Gallon Capacity	Case Qty
F06965	24" x 32"	White	.5	12-16	500
FW121606	33" x 39"	White	.75	33	150

- Superior strength, puncture & tear resistance
- Stretchable - Great for trash with sharp, irregular edges such as bolts, glass, sticks, utensils etc..
- Individually folded & manufactured with star seal bottoms for maximum performance
- **SOLD BY CASE**



#### HEAVY-DUTY MUNICIPAL CAN LINERS

Part No.	Size	Color	Gauge Mils	Gallon Capacity	Case Qty
F43169	38" x 58"	Black	1.6	60	100

- Heaviest, true gauge recycled can liners available
- Exceptional puncture & tear resistance
- Ideal for automotive, industrial, public facilities, food service & construction applications
- Individually folded & manufactured with star seal bottoms for maximum performance
- **SOLD BY CASE**



### BRUSHES

#### PAINT BRUSHES

Width	Part No.
1"	F31445
2"	F31860
3"	F31545
4"	F31940



- 100% black bristle for general purpose painting
- Plastic handle
- 9" Overall Length

#### PAINT BRUSHES

Width	Part No.
2"	F31833
3"	F31417
4"	F3722



- Blended polyester bristle for general purpose painting
- Varnished wood handles

#### PARTS CLEANING BRUSH

F41496

- Nylon Bristles
- Natural Lacquered Handle
- 11" Overall Length



#### CHIP AND OIL BRUSH

Width	Part No.
1/2	F4332
1	F4957
1 1/2	F4547
2	F4760
2 1/2	F41392
3	F41194
4	F4285



- White Bristles
- Smooth sanded handle with tin ferrule
- 7-1/2" Overall Length

#### SHOE HANDLE SCRATCH BRUSH

F41433

- **Stainless steel bristles**
- Hardwood handle
- Overall length 10"
- Length of trim 1-1/8"



#### SHOE HANDLE SCRATCH BRUSH

F41394

- **Carbon steel bristles**
- Hardwood handle
- Overall length 10"



#### HEAVY DUTY MILL DUSTER

F41006

- With brown plastic fill 1-3/4" trim length
- Clear lacquered hardwood block
- Popular in machine shops for clearing metal chips from drill presses, lathes, etc.
- Overall Length: 13"



#### SHOE HANDLE SCRATCH BRUSH

F458

- **Stainless steel bristles**
- Hardwood Handle
- Overall Length 10"
- Length of trim 3/4"



#### ACID BRUSHES

F41205 — 3/8"  
F4376 — 1/2"



#### CURVED HANDLE SCRATCH BRUSH

F41081

- **Carbon Steel Bristles**
- Hardwood Handle
- Overall Length 14"



#### PLASTIC HANDLE "TOOTHBRUSH" SCRATCH BRUSHES

F41235 — Stainless Steel Bristles  
F4899 — Brass Bristles  
F4528 — Nylon Bristles



#### WOODEN HANDLE "TOOTHBRUSH" SCRATCH BRUSH

F41228

- **Stainless Steel Bristles**



## BRUSHES (continued)

### PREMIUM WOOD HANDLE FITTING BRUSHES

F41406 — 1/4"  
F41609 — 3/8"  
F41367 — 1/2"  
F41312 — 3/4"  
F4651 — 1"



- 4" solid birch wood handle
- Single spiral 2-ply tempered carbon steel bristles
- Bristles contain 20% more material than standard fitting brushes

### TRUCK WASH BRUSHES

- Professional quality brushes for trucks, trailers & large vehicles



F42487  
18" long  
Black & white  
Polystyrene



F42488  
14" long  
Blue  
Nylon

### FOUNTAIN BRUSHES

- Professional quality for all types of vehicle wash downs
- Polystyrene bristles are resistant to acids, detergents, oil & solvents
- Nylon bristles are resistant to rot, mildew, alkalis, most solvents & heat
- Use with fountain brush handle 691.601



F42490  
10" long  
Green  
Polystyrene



F42491  
8" Long  
Blue  
Polystyrene



F42492  
10" long  
Green  
Nylon



F42493  
9" Long  
White  
Polystyrene

### FOUNTAIN BRUSH HANDLE

F42489

- Tubular steel with baked enamel finish
- Standard threads on the brush end with a water hose connector on the other end
- 7/8" diameter, 5 foot length



### FENDER WASH BRUSH

- White Tampica
- 2" bristles set in hardwood block



F42496  
8" Handle



F42497  
20" Handle

### WIRE WHEEL SPOKE BRUSHES

- Perfect for removing built-up dirt between spokes
- F3908** - Large 17" long brush made with natural tampico bristles  
**F3394** - Small 11-1/4" long brush made with cream polypropylene bristles



F42502



F42503

### HEAVY-DUTY INTERIOR & UPHOLSTERY BRUSH

F42501

- Extreme flare is convenient for scrubbing hard-to-reach areas
- Crimped, cream polypropylene fibers set in a foam block



### HANDLE SCRUB BRUSH

F4379

- Crimped white polypropylene bristles
- One piece plastic block and handle
- Raised handle design
- **Block size:** 6-1/2"L x 2-1/4"W
- **Length of Bristles:** 1-1/8"



### HAND AND NAIL BRUSH

F41517

- Smooth hardwood block
- Natural tampico bristles
- **Block size:** 4-3/4"L x 1-1/4"W
- **Length of Bristles:** 5/8"



### HAND AND NAIL BRUSH

F43300

- 1-1/2" x 3-1/2" plastic block
- **Bristle length:** 1/2"
- Designed to be used in just about any environment where extra hand and nail cleanliness is required



### HEAVY-DUTY FENDER/WHEEL SCRUB BRUSHES

- Crimped, stiff Blue Polypropylene bristles provide extra scrubbing action
- Bristles are highly resistant to acids, heat, chemicals & solvents



F42494  
8-1/2" Handle



F42499  
20" Handle

### BODY BRUSHES

- Flagged-tip bristles provide for gentle washing of any surface
- Green Polystyrene bristles are resistant to acids & detergents



F42498  
8-1/2" Handle



F42495  
20" Handle

### WHITE SIDEWALL BRUSH

F42500

- Brass wire
- Foam plastic block will not crack when left in tire cleaning solution
- Overall Length: 8-1/2" long
- Length of Bristles: 3/4"



### VENT & DASH BRUSH

F42504

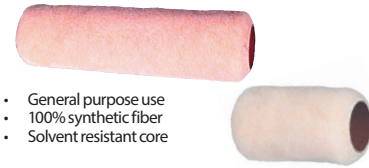
- Perfect for quick removal of dust & debris from hard-to-clean seams in automobile dashboards, around vents, radios & speakers
- Soft natural boar bristles
- 6" long



### PAINT SUPPLIES — ROLLER COVERS & FRAMES

#### PAINT ROLLER COVERS

Length	Nap	Use On	Use With	Part No.
4"	3/8"	Metal, Semi-Smooth Wood, Concrete	Enamels, Epoxies, Adhesives, Paint	F32604
9"	1/4"	Metal, Smooth Wood, Smooth Concrete	Enamels, Epoxies, Adhesives, Paint	F31263
9"	3/8"	Metal, Semi-Smooth Wood, Concrete	Enamels, Epoxies, Adhesives, Paint	F32154
9"	1/2"	Drywall, Rough Wood, Rough Cement	All Paint	F3360



- General purpose use
- 100% synthetic fiber
- Solvent resistant core



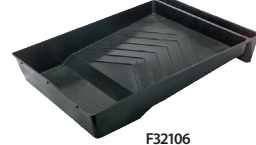
F32557



F32126



F31184



F32106

#### PAINT ROLLER FRAME AND TRAYS

Description	Part No.
Paint Roller Frame 4"	F32557
Paint Roller Frame 9"	F32126
Paint Tray Metal 9"	F31184
Paint Tray Plastic 9"	F32106

- Heavy duty roller frame
- 5 wire cage and reinforced handle
- Galvanized metal and plastic paint trays

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### PAINT SUPPLIES — PUTTY & JOINT KNIVES

#### SCRAPERS

- High carbon steel blade
- Nylon handle
- 8" overall



F31689  
3" Stiff Chisel



F31983  
3" Flexible

#### ECONOMY CHISEL PUTTY KNIFE

- F32332
- 1-5/16" Stiff
  - High carbon steel blade
  - Nylon handle



#### 6-IN-1 PAINTER'S TOOL

- F31474
- 2-1/2" Stiff
  - Sharp scraper blade, putty remover, spreader, removes paint from rollers, opens cracks for patching
  - High carbon steel blade
  - Nylon handle



#### CHISEL PUTTY KNIFE

- F3344
- 1-1/4" Stiff
  - Extra heavy duty
  - 8" overall
  - **Soft-grip ergonomic handle**
  - Great gasket scraper



#### CHISEL PUTTY KNIVES

- High carbon steel blade
- Nylon handle
- 7-1/2" overall



F3640  
1-1/4" Stiff



F32435  
2" Stiff

#### BENT CHISEL SCRAPERS

- 3" wide high carbon steel blade is angled at 20° for easy paint removal
- Polypropylene handle



F3292  
9" Overall Length



F3395  
12" Overall Length

### BROOMS — FLOOR

#### FLOOR SWEEP — MEDIUM

- F4711
- For wet or dry sweeping rough or semi-smooth concrete, wood, asphalt, etc.
  - Black plastic 3-1/8" bristles
  - 24" wide clear lacquered hardwood block
  - Comes with 5 ft. hardwood lacquered handle



#### FLOOR SWEEP — FINE

- F4697
- For sweeping smooth, highly polished floors, varnished woods and smooth concrete.
  - Will sweep very fine dust and grit.
  - Silver flagged-tip plastic 3 inch long bristles
  - 24" wide clear lacquered hardwood block
  - Comes with 5 ft. hardwood lacquered handle



#### GARAGE BRUSH

- F485
- For wet or dry heavy-duty sweeping of concrete, sidewalks, garage and factory floors
  - 24" wide lacquered hardwood block
  - Palmyra fill, 4" trim
  - Use with hardwood handle #691.1516 or plastic coated metal handle #691.1518
  - Handle sold separately



#### FLOOR SWEEP — COARSE

- F41523
- For wet or dry sweeping of rough concrete or asphalt floors.
  - Will not soften when exposed to water, oils, or greases
  - Coarse brown plastic 3-1/8" bristles
  - 24" wide clear lacquered hardwood block
  - Comes with 5 ft. hardwood lacquered handle



**BROOMS — FLOOR (continued)**

**TOUGH SWEEP - MEDIUM**  
F41432

- For semi-smooth tile, concrete and blacktop
- Yellow synthetic 3" trim bristles
- 18" wide synthetic block will not split, crack or warp
- Comes with 5' handle



**REPLACEMENT HANDLE THREAD**  
F4556

- Made of heavy duty fiberglass for any 15/16" diameter handle



**REPLACEMENT HANDLE**  
F4961

- Made of hardwood with a clear lacquered finish
- One end rounded and the other with crimped-on metal threads to fit standard floor sweeps
- 15/16" diameter, 5 foot long



**PLASTIC COATED METAL HANDLE**  
F4970

- Reinforced, heavy-duty metal handle
- Yellow plastic coating with hang tab
- 15/16" diameter, 5 foot length



**FIBERGLASS HANDLE 60" WHITE**  
F41488

- Fiberglass construction
- Threaded tip
- 1" Diameter, 60" long
- White \*approved for food industry



**HANDLE BRACE**  
F41317

- Heavy Duty handle brace made of aluminum bar stock
- Fits all the above brooms
- Comes with all screws and wing nuts
- Broom sold separately



**DUST PANS**

12 inch edge F41447  
16 inch edge F4947

- 20 gauge metal dust pans
- Black enamel finish
- Corrugated ribs for added strength



**SNOW BROOM**  
F450

- Industrial Grade polyethylene foam molded head endures the harshest conditions and hundreds of vehicle clearings.
- Approved for use on Class A finishes and received the highest rating possible from an independent testing lab for non-abrasiveness, freeze resistance and durability
- 5-3/4" x 17" head weighs only 8 ounces
- 48" Vinyl coated metal handle
- Used by Auto Dealers, Municipal Agencies, Utility Company Fleets, Park 'n' Fly lots, Valet Services



**SQUEEGEE TAPERED HANDLE**  
F4864

15/16" diameter, 5 foot length



**SQUEEGEE TAPER HANDLE**  
F4658

1-1/8" diameter, 5 foot length



**LOBBY DUST PAN - BLACK**  
F43061

- 12" wide mouth and 30" metal handle
- Pivoting bucket locks open for hands-free disposal
- Designed for use on hard and soft surfaces



**LIGHT-DUTY**  
F4715

- Made of best quality broom corn and fiber
- Sewed 4 times
- Handle has a clear lacquered finish



**MODERATE-DUTY**  
F41779

- Made of best quality broom corn and fibre
- Sewed 5 times
- Broom cap has velvet trim
- Handle has a black lacquered finish



**HEAVY-DUTY**  
F41103

- Made of best quality broom corn and fibre
- Sewed 4 times and reinforced with wire band
- Made on a heavy-duty handle



**WHISK BROOM**  
F41352

- Made of selected fine broom corn
- 11 inch wide sweep



**MAXIROUGH® LOBBY BROOM**  
F42510

- Thicker diameter polycorn bristles provide superior sweeping ability
- Offers liquid and chemical resistance as well as 250°F temperatures
- Double sewn, hand wound construction increases durability
- 30" handle with an 8" sweeping surface



**30" NEOPRENE FLOOR SQUEEGEES**  
F41769 Red — fat and oil resistant  
F4534 Black — standard

- Use handle F4970
- Soft and durable neoprene blade
- Heavy duty metal frame
- **For Use On:** Uneven, grouted and smooth surface floors
- **For Use In:** Shop areas, supermarkets, warehouses, kitchens and much more



**FLOOR AND DRIVEWAY SQUEEGEES**  
F41274 — Straight Squeegee, 24"  
F4714 — Curved Squeegee, 24"

- 2" wide x 1/2" thick high grade neoprene squeegee strip attached with plated screws
- Aluminum frame with taper handle socket (order separately)





### MOPS

#### COTTON AND RAYON MOP HEADS

Description	Part No.
24 oz. cotton	F41608
32 oz. cotton	F4242
24 oz. rayon	F41332
32 oz. rayon	F4176

- Made of 4 ply highly absorbent, long wearing yarns
- Mops are sewed 2 times
- Band is 1-1/4" wide
- Cotton = better absorbency
- Rayon = better durability



32 oz.



24 oz.

#### MOP HANDLE

F4681

- Zinc-plated steel construction securely fastened to a No. 1 grade 1-1/8" diameter handle
- Quick-change type
- 7" head for 20 to 32 oz. mop heads



#### WET FLOOR SIGN – YELLOW

F05997

- Professional quality, two-sided sign
- Specially contoured feet to minimize contact with floor to floor finishes
- Durable Polypropylene; 25" tall x 11" wide
- BPA free



#### DELUXE TOILET BOWL MOP

F31537

- Full 1.oz, 5-3/4" mop head for greater absorbency
- Acid-resistant polypropylene strands
- 12" strong I-beam plastic handle, polypropylene
- White mop head with blue handle



### SYR CLEANING PRODUCTS

#### SYR 8" FLOOR SCRAPER WITH BLADE

F32393

- 8" metal floor scraper with blade
- Works with interchange handle
- Does not include handle



#### SYR 22" BLACK MOSS FLOOR SQUEEGEE

F32350

- 22" Black Moss Floor Squeegee
- Works with interchange handle
- Handle not included



#### SYR SWIVEL DECK BRUSH BLUE

F32144

- Tough polypropylene bristles
- For use on hard floors
- Ideal for confined spaces
- 360 degree rotation
- Great for baseboards
- Works with interchange handle
- Handle not included



#### SYR 9" GROUT BRUSH

F32385

- Tough polypropylene bristles
- Angled Bristles for cleaning grout between tiles and floor edges
- Works with interchange handle
- Handle not included



#### SYR 53" INTERCHANGE ALUMINUM HANDLE

F32390

- Use with SYR interchange mops, brushes, squeegees....
- Heavy Duty aluminum handle



#### SYR COMBO BUCKET/WRINGER

F42401

- Polypropylene bucket and wringer basket
- Ergonomic design taller for less bending
- Casters are non marking
- Designed to be used with SYR changer mops





## AUTO DETAIL — APPLICATORS, SPONGES & TOWELS

### SPUN GOLD® CAR WASH PAD F42477

- 9" x 9"
- Made from heavy-duty synthetic fibers
- No cuff, all ends closed



### GOLD NUGGET™ PROFESSIONAL CAR WASH PAD F3818

- 9" x 9"
- Made from downy soft Lorene Fibers for Superior water absorption & retention
- No cuff, all ends closed



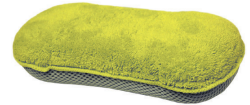
### WASH MITT F32114

- 8" x 12"
- Made of long lasting soft synthetic fleece
- Has cuff & thumb



### WASH & SCRUB COMBO SPONGE F42478

- Heavy-Duty. 2 sponges in 1
- Gently cleans auto, truck, rv & marine surfaces
- Durable scrubbing back cleans auto grills & bumpers
- **Material:** Microfiber & polyester mesh exterior, Sponge interior
- **Size:** 9" x 4-3/4" x 2"



### SURE SCRUB™ SPONGE

- F42480
- 3" x 5" x 1-1/2"
  - Specially designed "honey comb" material will carry an abundance of soap & water.
  - Safely scrub away stubborn bugs, bird droppings & other contaminants without harming clear coat finish



### TIRE DRESSING APPLICATORS

- F42482
- Contour design conforms to tires
  - Non-absorbing foam reduces product waste
  - Spreads dressing evenly and eliminates runs & drips
  - Washable & reusable
  - Excellent for low profile tires



### MICROFIBER TOWELS

Color	Part No.
Yellow	F42363
Green	F42365
Blue	F3465
White	F3880

- Removes smudges, grease & oils with ease
- Safe for all surfaces - including clear coat
- Picks up dust & microparticles like a magnet
- Machine washable without bleach or softeners
- 16" x 16"
- Sold 12 per bag



### PVA IMITATION CHAMOIS

- F3646
- PVA material dries any surface without streaking or spotting
  - Absorbs water much faster than a towel or regular chamois
  - Great to use in place of a regular leather chamois when drying automobiles
  - 17" x 27"



### GENUINE WATER SPRITE® DRYING CLOTH

- F42485
- Exclusive proven PVA material that gently cleans & dries fine finished surfaces
  - Water Sprite® actually lifts off residual dirt & grime away from the surface, leaving it clean & dry.
  - It is not affected by mildew, bacteria or common household chemicals
  - 791 sq. inches



### SMARTRAGS™ MICROFIBER CLOTHS

Color	Part No.
Blue	F44579
Green	F44580
White	F44581
Yellow	F44582
Red	F44583

- Attract dust better than any other cloth 12" x 12"
- Tough on grease and grime
- Gentle lint-free and streak free
- Small and handy enough to take anywhere
- Use on glass, metal, wood, ceramics and paint



### SPILL CONTROL — ABSORBENTS

#### UNIVERSAL ABSORBENT SOCKS

Description	Packaging	Part No.
Universal Sock	Single Sock	F4796
Universal Sock	40 Sock Case	F42229

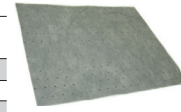
- Use for **water** and **oil based** fluids
- 3" x 4"
- **Color:** Gray



#### UNIVERSAL ABSORBENT PADS

Description	Single Pad Part No.	Case Qty	Case Part No.
Light Pad 15" x 18"	F4356	200	F42223
Medium Pad 15" x 18"	F4847	100	F42224
Heavy Pad 15" x 18"	F4133	100	F42225

- Use for water and oil based fluids
- Point bonded for strength
- Perforated so you use only what you need
- **Color:** Gray



#### UNIVERSAL ABSORBENT ROLL

Description	Packaging	Part No.
Universal Absorbent Roll	Single Roll	F4941
Universal Absorbent Roll	2 Roll Pack	F42226

- Use with water and oil based fluids
- 30" x 150" Perforated Roll
- **Color:** Gray



#### OIL BASED ABSORBENT PADS

Description	Single Pad Part No.	Case Qty	Case Part No.
Oil Pad 15" x 18"	F4104	100	F42231
Heavy Pad 15" x 18"	F4861	100	F42232

- Use for petroleum **based fluids only**
- Point bonded for strength
- **Color:** White



#### OIL BASED ABSORBENT ROLLS

Description	Part No.
30" x 150" Roll	F41157

- Use for Petroleum based fluids only
- **Color:** White



#### UNIVERSAL HI-VIS CAUTION ABSORBENTS

Description	Single Pad Part No.	Case Qty	Case Part No.
15" x 18" Pad	F44283	100	F44299
30" x 150' Roll	F44284	1	

- Hi-Vis yellow w/the international symbol for slip hazard repeating throughout the product making it ideal for use anywhere from factory to hospitality
- Spunbond side is abrasion-resistant, great for foot traffic or heavy-duty wiping applications
- Fine fiber side grips smooth surfaces (like cement) to reduce slips, trips & falls
- Absorbs most non-aggressive fluids, including oil (hydrocarbon-based fluids), water, glycols
- Perforated to help reduce waste.



#### DRUM TOP ABSORBENT PAD

Description	Packaging	All Fluid Part No.	Oil Only Part No.
Drum Top Pad	Single Pad	F4801	F4391
Drum Top Pad	25 Pad Case	F42228	F42227

- Cut to fit the top of any 55 gallon drum



#### SPILL MAGIC

Description	Part No.
3 lb. Bottle	F44607

- All-purpose absorbent powder
- Lightweight, high performing
- Quick clean-up
- Leaves surface dry and residue-free
- Ideal for cleaning industrial, food or biohazard spills
- Pour direct from bottle



### SPILL CONTROL — SPILL KITS

#### MRO BUCKET SPILL KIT F4313

- Self-contained kit packed in reusable 5 gallon pail
  - Absorbs all types of fluids
- Kit Contains:**
- (10) universal perforated pads (16" x 20")
  - (2) universal socks (3" x 48")
  - (1) disposable bag with tie



#### QUIKLEEN® RECYCLE KIT F42403

Designed specifically to ensure the most economical use of Quikleen® absorbent. By sifting and reusing the clean absorbent, you can save money on product and disposal costs

- Contents:**
- (1) Plastic Dust Pan – **F42326**
  - (1) Screen Sifter – **F42327**
  - (1) Wheeled Trash Can – **F42328**
  - (1) 24" Coarse Floor Broom – **F41523**



#### QUIKLEEN® ABSORBENT

Size	Part No.
Gallon Jug	F42324
Gallon Jug x4	F42402
20 lb Bag	F42325

- Quikleen® is an inert, inorganic, non-biodegradable blend of minerals. It works by means of a process known as "silica encapsulation". The absorbed liquid actually becomes part of the silica molecule.
- All natural, non-toxic, non-flammable, non-biodegradable, non-leaching, reusable
- Landfill acceptable and EPA certified
- 1.5 lbs of Quikleen® will absorb an entire quart of motor oil vs 15 lbs of clay.
- Absorbs oils, fuels, grease, solvents, acids (except hydrofluoric), paint, coolants, bodily fluids, sewage



## WELDING — STAR ALLOYS WELDING SUPPLIES

### BRAZING, ELECTRODES, MIG WIRE & WELDING ACCESSORIES

- Premium alloys for all types of Automotive & MRO welding, joining, and brazing repairs
- The best welding electrodes in the industry, in the highest quality packaging available
- For repairing all types of metals and alloys, and all types of vehicles, equipment and structures
- Products for welding and joining many materials, including mild steel, low & medium carbon steels, low alloy steels, stainless steels, cast iron, aluminum, aluminum alloys, manganese, zinc alloys, dissimilar steels combinations, sheet metal, galvanized metals, copper and brass.
- High quality MIG Alloys in spools of solid wire or flux-coated wire
- High performance cutting/chamfering electrodes
- Brazing technology for brazing repairs made easy, clean and strong
- Fewer products to accomplish all of your repair needs, with no sacrifice in performance
- Accessories that make your job safer, easier and more efficient

**STAR ALLOYS**



## WELDING — CHARTS

### WELDING WALL CHARTS

- 18" x 24", full color
- Individual charts available for Star Alloys Electrodes, MIG, and TIG products



Set of 3 charts # F012136

### WELDING TOOL STEEL PREHEAT CHART

- F0812135
- 11" x 17", full color
- Handy chart shows recommended preheat temperatures for welding various types of tool steels

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## WELDING — MACHINE

**STAR ALLOYS**

### STAR ALLOY MTS 180

F44407

- **Input Power voltage:** 115/120
- **Frequency:** 50/60 hrz
- **Rated output:** 180a/24.2v mig 180a/28.2v mma
- **Rated duty cycle:** 104 degrees f 35%@180a mig/mma
- **Imax(amps):** 9 amps 115v, 36amp 220v
- **Gross weight:** 18 pounds

- **Compliant to:**  
Can/csa-en60974-1:2  
Ansi/ies 60974-1:2008  
Aster contract: 265955



## WELDING — BRAZING ROD

### 67FC SILVER BRAZING

**STAR ALLOYS**

Diameter	Length	Flux Color	Package Size	Part No.
3/64"	18"	Pink	15 ft. (10 pcs)	F41820
1/16"	18"	Orange	15 ft. (10 pcs)	F41976
3/32"	18"	Pink	15 ft. (10 pcs)	F41977

- Super active flux coated, cadmium free, silver brazing alloy with maximum silver content
- Special "Fast Flow" flux coating provides twice the base metal cleansing action of conventional silver flux coatings
- No odors from rubberized compounds yet the flux coating is totally flexible and non-fragile
- The only flux coated silver brazing alloy strong enough to clean oxidized stainless steel
- Can be used on almost any ferrous or non-ferrous metal except aluminum and magnesium
- Excellent for color matching on stainless steel and nickel
- Works on brass, copper, and stainless steel
- 67FC Silver can be used with either an oxy/acetylene torch or MAPP® gas



- **Torch Setting:** Slightly carburizing
- **Working Temperature:** 1210°F
- **Melting Range:** 1140°F (Solidus); 1200°F (Liquidus)
- **Work Hardness:** Rockwell C41-54; Brinell 380-550; Vickers 400-580
- **Tensile Strength:** 71,000 psi
- **Yield Strength:** 60,000 psi
- **Elongation:** 25%
- **Hardness:** Brinell 130

### WELDING — BRAZING ROD (continued)

#### 80FC BRONZE BRAZING



Diameter	Length	Flux Color	Package Size	Part No.
3/32"	18"	Blue	5 lbs.	F41821
1/8"	18"	Blue	5 lbs.	F41979

- Triple deoxidized bronze brazing alloy with "Anti-Glare" moisture sealed flux coating
- Unique "Anti-Glare" flux coating eliminates harsh chemical odors and the bright orange, visibility blocking glare of conventional sodium type flux coatings
- Flux cleansing action is exceptional on dirty steels and cast irons
- Ideal for joining copper base metals, cast iron, steels, including galvanized plated steels, thin sections and dissimilar metal combinations
- Fills gaps and holes
- 80FC Bronze is used with an oxy/acetylene torch



- **Torch Setting:** Neutral flame
- **Working Temperature:** 1595°F
- **Melting Range:** 1583°F to 1620°F
- **Tensile Strength:** 71,000 psi
- **Yield Strength:** 64,000 psi
- **Elongation:** 27%

#### 31AZ BRAZING ROD

F41854



- 5/32" diameter x 18" long
- Packed in 1 lb. tubes
- Self-fluxing brazing alloy for thin aluminum, magnesium and zinc base metals
- Can be used with MAPP gas or Propane
- Provides a good color match in many cases where appearance is important
- Deposits can be painted, plated, and machined
- Anti-drip properties
- **Melting point:** 732°F
- **Tensile Strength:** 50,000 PSI



- **Bond Strength:** 28,000 PSI
- **Meets Mil Spec:** MIL-R-4208
- No flux required
- Will not cause galvanic corrosion
- Cadmium and Lead free
- Excellent hole filling, pinhole and larger holes
- Exceptional gap filling properties

### WELDING — ELECTRODES

#### 220MS (MILD STEEL)



Diameter	Length	Flux Color	Package Size	Part No.
1/16"	12"	Tan	5lbs.	F41835
3/32"	14"	Gold	10 lbs.	F42010
1/8"	14"	Gold	10 lbs.	F41836
5/32"	14"	Gold	10 lbs.	F41838
3/16"	14"	Gold	10 lbs.	F41837

- Universal all-position electrode ideally suited for repair and fabrication of most types of mild steel and sheet metal
- Excellent for poor fit situations and joining sheet metal to thick stock
- No sticking and easy restrike
- Easily repairs galvanized steel even if dirty and greasy. Saves prep time.
- Replaces many 60 series (6010, 6011, 6013, etc.) electrode but has a higher tensile strength and elongation %
- Electrode can be bent without flux breakage



- Contact (drag) type transfer allows electrode to weld by itself
- **Welding Positions:** flat, horizontal, flat up and down, and overhead
- **Recommended Current:** DC Straight (-), Reverse (+) or AC
- **Recommended Amperage Settings (min/max):** 1/16" (20/40); 3/32" (50/70); 1/8" (70/110); 5/32" (115/140); 3/16" (150/200)
- **Tensile Strength:** 83,000 psi
- **Yield Strength:** 75,000 psi
- **Elongation:** 25%

#### 1116LH (LOW HYDROGEN)



Diameter	Length	Flux Color	Package Size	Part No.
3/32"	14"	Gray	10 lbs.	F41992
1/8"	14"	Gray	10 lbs.	F41826
5/32"	14"	Gray	10 lbs.	F41828
3/16"	14"	Gray	10 lbs.	F41827

- Low Hydrogen, high strength DC electrode for joining low and medium carbon steels. low alloy steels, and construction steels
- Low spatter yield, self-releasing slag and uniform ripple deposits
- 1116LH has an extra low moisture content to reduce hydrogen induced cracking in the weld
- Welds even dirty and greasy steel. Saves prep time.
- Replaces many 70 series electrodes (7014, 7018, 7024, etc.) but has a higher tensile strength and elongation %
- Operates in all positions
- **Flux Color:** Gray
- **Welding Positions:** Flat, Vertical Up and Down, Horizontal, and Overhead



- **Recommended Current:** DC Reverse (+)
- **Recommended Amperage Settings (min/max):** 1/8" (100/140); 5/32" (140/190)
- **Tensile Strength:** 120,000 psi
- **Yield Strength:** 96,000 psi
- **Elongation:** 23%
- **Welding Techniques:** For the majority of materials to be welded with these electrodes, minimum preheats between 212°F 176°F (100°F 176°C) and 392°F 176°F (200°F 176°C) is required to avoid hydrogen induced "cold" cracking. Remove all surface contaminants. Maintain a short arc gap and use a stringer or slight weave technique. Chip slag thoroughly between passes



## WELDING — ELECTRODES (continued)

### 2200DS (DISSIMILAR STEELS)



Diameter	Length	Flux Color	Package Size	Part No.
3/32"	12"	Lt. Gray	5 lbs.	F41840
1/8"	12"	Lt. Gray	5 lbs.	F41839
5/32"	12"	Lt. Gray	5 lbs.	F41841

- Special all-position high tensile strength electrode for all steels and dissimilar metals
- Excellent for stud pulling and broken stud and bolt removal
- Unique "Quick Freeze" coating simplifies vertical down and up welding
- Ideal for poor fit up joints in all positions
- Controlled weld puddle allows for filling holes and joining dissimilar steels
- Welds even dirty and greasy metal. Saves prep time
- Use to solve the problem of welding "mystery metals"
- Creates very little smoke compared to other electrodes
- Runs with very low spatter, so it's safer to operate
- Ideal for repairing tools, dies, spring steel and any dissimilar metal combinations, except for aluminum and copper alloys



- **Welding Positions:** flat, horizontal, vertical up and down, and overhead
- **Recommended Current:** DC reverse (+) or AC
- **Recommended Amperage Settings (min/max):** 5/64" (35/55); 3/32" (35/70); 1/8" (60/110); 5/32" (75/140)
- **Tensile Strength as Welded:** 128,000 psi
- **Tensile Strength Work Hardened:** 186,000 psi
- **Yield Strength:** 90,000 psi
- **Hardness:** Rockwell B97; Brinell 320
- **Elongation:** 32%

### 513MN (MANGANESE)



Diameter	Length	Flux Color	Package Size	Part No.
1/8"	14"	Dk. Grey	10 lbs.	F42047
5/32"	14"	Dk. Grey	10 lbs.	F41848
3/16"	14"	Dk. Grey	10 lbs.	F42048

- Joining, cladding, and repairing electrode for manganese steel that can be flame cut
- Spray transfer allows for smooth uniform overlays
- Work hardens easily in service
- Outlasts conventional hard facing alloys by as much as 10 to 1 in high impact applications
- Welds even dirty and greasy metal. Saves prep time.
- Ideal for repairing rail and construction equipment manufactured of manganese steel. Also recommended for hammers, crushers, and a variety of parts designed to resist impact.



- **Welding Positions:** flat, vertical up, horizontal, overhead
- **Recommended Current:** DC reverse (+) or AC
- **Recommended Amperage Settings (min/max):** 1/8" (90/125); 5/32" (125/170); 3/16" (160/225)
- **Tensile Strength:** 116,000 psi
- **Elongation:** 38%
- **Hardness:** Rockwell B87-96; Brinell 170-220; Vickers 180-230
- **Work Hardness:** Rockwell C41-54; Brinell 380-550; Vickers 400-580

### 1120HF (HARDFACING)



Diameter	Length	Flux Color	Package Size	Part No.	50# Bulk Pack Part No.
1/8"	14"	Gray	10 lbs.	F41849	
5/32"	14"	Gray	10 lbs.	F42055	F42056
3/16"	14"	Gray	10 lbs.	F42053	

- A unique electrode combining unsurpassed weldability and high hardness for excellent abrasion resistance and moderate impact resistance
- Ideal alloy combination where hardness and toughness are required on carbon and alloy steels, manganese steels, and cast iron
- Wide-bead capability with low spatter, easy restrike, smooth overlays, high deposition, and self-releasing slag
- **Welding Positions:** Flat, Horizontal



- **Recommended Current:** DC Reverse (+) or AC
- **Recommended Amperage Settings (min/max):** 1/8" (110/140); 5/32" (160/200); 3/16" (210/270)
- **Tensile Strength:** N/A
- **Elongation:** N/A
- **Hardness:** Rockwell C58-60; Vickers 670-700
- **Flux Color:** Gray

### 111C (CHAMFERING)



Diameter	Length	Flux Color	Package Size	Part No.
1/8"	14"	Black	10 lbs.	F41846
5/32"	14"	Black	10 lbs.	F42036

- Chamfering/Cutting electrode with excellent arc blast force and restrike capability
- Reactionary black coating creates the highest levels of arc blast
- Special coating elements form an electrically conductive "cup" for ease of restrike
- Can be used on all metals that can't be cut with an oxy/acetylene torch
- Can gouge, bevel or cut all metals including stainless steels, aluminums and copper



- Excellent for the removal of stainless steel joints and overlays. No oxygen required
- **Welding Positions:** Flat, Vertical up, Vertical down, Horizontal, Overhead
- **Recommended Current:** DC Straight (-) or AC
- **Recommended Amperage Settings (min/max):** 1/8" (170/250); 5/32" (220/330)



# SHOP SUPPLIES

## 4 Welding

### WELDING — ELECTRODES (continued)

#### 51CI (CAST IRON)



Diameter	Length	Flux Color	Package Size	Part No.
3/32"	14"	Black	5 lbs.	F42044
1/8"	14"	Black	5 lbs.	F41847
5/32"	14"	Black	5 lbs.	F42045

- One of a kind heavily copper clad "Tri-metal" cored cast iron electrode
- High efficiency weld metal transfer totally eliminates electrode overheating
- Proprietary copper-nickel-iron deposit chemistry yields the ultimate combination of softness, ductility and tensile strength, for exceptional machinability
- Easily welds even dirty and greasy cast iron. Saves prep time.
- High deposition rate creates an extremely narrow heat affected zone
- Suitable for all weldable cast irons that require post weld machining
- **Welding Positions:** flat, vertical up, horizontal, overhead



- **Recommended Current:** DC reverse (+) or AC
- **Recommended Amperage Settings (min/max):** 3/32" (50/70); 1/8" (70/100); 5/32" (100/130)
- **Tensile Strength:** 77,000 psi
- **Yield Strength:** 54,000 psi
- **Elongation:** 30%
- **Hardness:** Rockwell B84-88; Brinell 176; Vickers 185
- **Work Hardness:** Rockwell C41-54; Brinell 380-550; Vickers 400-580

#### 521AL (ALUMINUM)



Diameter	Length	Flux Color	Package Size	Part No.
3/32"	10"	White	5 lbs.	F42066
5/64"	10"	White	2.5 lbs.	F42068
5/64"	10"	White	5 lbs.*	F41853
1/8"	14"	White	5 lbs.	F41852

- Silicon aluminum ARC welding and TORCH brazing electrode with exceptional flux durability and self-lifting slag
- A universal electrode for welding all cast, wrought and extruded aluminum and aluminum alloys in all positions.
- Excellent for joining dissimilar grades of aluminum and clean, painted or dirty aluminum
- **Recommended Current:** DC reverse (+)



- **Recommended Amperage Settings (min/max):** 5/64" (35/70); 1/8" (60/110)
- **Elongation:** 18%
- **Welding Positions:** All Positions
- **Tensile Strength:** 34,000 psi
- **Yield Strength:** 20,000 psi

#### 38SS (STAINLESS STEEL)



Diameter	Length	Flux Color	Package Size	Part No.
5/64"	12"	White	5 lbs.	F42032
3/32"	12"	White	5 lbs.	F41845
1/8"	12"	White	5 lbs.	F41844

- Special all position stainless steel electrode
- Unique "Quick Freeze" coating simplifies vertical down and up welding
- Ideal for poor fit up joints in all positions
- Controlled weld puddle allows for filling holes on stainless steels
- Welds all stainless steels, including those that contain molybdenum
- Welds even dirty and greasy stainless steels. Saves prep time.



- **Welding Positions:** flat, horizontal, vertical up and down, and overhead
- **Tensile Strength:** 80,000 psi
- **Yield Strength:** 56,000 psi
- **Elongation:** 42%
- **Hardness:** Rockwell B96; Brinell 209

### WELDING — MIG WIRE

#### 220MS (MILD STEEL) SOLID WIRE



Wire Diameter	Spool Size	Part No.	Wire Diameter	Spool Size	Part No.
.023	2 lb.	F41997	.035	2 lb.	F41833
.023	11 lb.	F41829	.035	11 lb.	F41832
.030	2 lb.	F41831	.035	33 lb.	F41834
.030	11 lb.	F41830	.045	33 lb.	F42004
.030	33 lb.	F41998			

- A mild steel welding wire that produces high quality welds when used on dirty, oily or rusted steel, sheet metal, galvanized steel, and construction work
- Engineered to provide porosity-free, x-ray quality welds at the highest tensile strength
- **Welding Positions:** all positions



- **Tensile Strength:** up to 85,000 psi
- **Elongation:** 25%
- **Operating Range:** .023 (35-70 amps); .030 (50-100 amps); .035 (100-150 amps)
- **Shielding Gas:** 75%Ar/25%CO2

#### 220MS (MILD STEEL) FLUX CORED WIRE



Wire Diameter	Spool Size	Part No.	Wire Diameter	Spool Size	Part No.
.030	2 lb.	F42000	.035	11 lb.	F42002
.030	10 lb.	F41999	.045	33 lb.	F42005
.035	2 lb.	F42003			

- A mild steel flux cored welding wire designed to weld carbon steel
- Produces smooth arc action, low spatter, full slag coverage and easy slag removal
- Use for lap and butt welds on galvanized sheet metal and repair of automotive sheet metal
- **Welding Positions:** all positions



- **Tensile Strength:** up to 85,000 psi
- **Elongation:** 26%
- **Operating Range:** .030 (40-100 amps); .035 (100-130 amps); .045 (130-160 amps)
- **Shielding Gas:** 75%Ar/25%CO2

### WELDING — MIG WIRE (continued)

#### 1116LH (LOW HYDROGEN) SOLID WIRE



Wire Diameter	Spool Size	Part No.	Wire Diameter	Spool Size	Part No.
.023	11 lb.	F41822	.035	11 lb.	F41823
.030	11 lb.	F41982	.035	33 lb.	F41985
.035	2 lb.	F41824			
.035	10 lb.	F41984			

- Designed to provide high-strength welds on low and medium alloy steels, including high strength steels such as T-1, HY-80/90, and proprietary alloys such as T-1 type A & B, Marjari R, Cor-Ten, Manganese, Vanadium.
- Deposits are tough yet machinable
- Can be used as a build-up prior to applying harder overlays
- Welding Positions:** all positions

- Tensile Strength:** up to 120,000 psi
- Elongation:** 23%
- Operating Range:** .023 (35-70 amps); .030 (75-120 amps); .035 (90-150 amps); 1/16 (150-200 amps)
- Shielding Gas:** 75%Ar/25%CO<sub>2</sub>



#### 1116LH (LOW HYDROGEN) FLUX CORED WIRE



Wire Diameter	Spool Size	Part No.
.030	2 lb.	F41983

- A flux cored welding wire designed for low and medium alloy steels
- Welding Positions:** all positions
- Tensile Strength:** up to 120,000 psi

- Elongation:** 23%
- Operating Range:** .030 (75-120 amps); .035 (90-150 amps)
- Shielding Gas:** 75%Ar/25%CO<sub>2</sub>



4

#### 38SS (STAINLESS STEEL) SOLID WIRE



Wire Diameter	Spool Size	Part No.	Wire Diameter	Spool Size	Part No.
.023	10 lb.	F42023	.035	2 lb.	F41843
.030	2 lb.	F41842	.035	12.5 lb.	F42028
.030	10 lb.	F42025			

- Excellent for welding 300 series stainless steels
- Designed to deposit smooth, corrosion resistant welds without cracking or porosity
- Can be used as a build-up prior to applying harder overlays
- Welding Positions:** all positions
- Tensile Strength:** up to 83,000 psi

- Elongation:** 36%
- Operating Range:** .023 (50-125 amps); .035 (100-150 amps)
- Shielding Gas:** Ar or CO<sub>2</sub> mix



#### 38SS (STAINLESS STEEL) FLUX CORED WIRE



Wire Diameter	Spool Size	Part No.
.035	2 lb.	F42030

- A flux cored welding wire designed for welding 300 series stainless steel
- Designed to deposit smooth, corrosion resistant welds without cracking or porosity
- Welding Positions:** all positions
- Tensile Strength:** up to 85,000 psi

- Elongation:** 42%
- Operating Range:** 75-100 amps
- Shielding Gas:** Ar or CO<sub>2</sub> mix



#### 1120HF (HARDFACING) FLUX CORED WIRE



Wire Diameter	Spool Size	Part No.
.045	10 lbs.	F42050
.045	25 lbs.	F42051
1/16	25 lbs.	F42052

- A complex alloy designed to offer excellent abrasion resistance along with moderate impact resistance
- Ideal alloy combination where hardness and toughness are required on carbon and alloy steels, manganese steels, and cast iron
- Low spatter, smooth overlays, and high deposition rate
- Use on crusher jaws, hammers, bucket lips and teeth, wear plates, pins, axles, shafts, cams, etc.

- Welding Positions:** Flat, Horizontal
- Tensile Strength:** N/A
- Elongation:** N/A
- Hardness:** Rockwell C59-62
- Operating Range:** .045 (125-250 amps); 1/16 (150-300 amps)
- Shielding Gas:** 75%Ar/25%CO<sub>2</sub>



# SHOP SUPPLIES

## 4 Welding

### WELDING — MIG WIRE (continued)

#### 521AL (ALUMINUM) SOLID WIRE

STARALLOYS

Wire Diameter	Spool Size	Part No.	Wire Diameter	Spool Size	Part No.
.030	1 lb.	F42060	.035	3 lb.	F42063
.035	1 lb.	F41850	.045	1 lb.	F42449

- Excellent general purpose, high tensile strength aluminum welding wire
- Produces a bright weld finish that is less sensitive to cracking
- **Welding Positions:** all positions
- **Tensile Strength:** up to 34,000 psi
- **Elongation:** 18%

- **Operating Range:** .023 (50-80 amps); .030 (60-100 amps); .035 (100-150 amps); .045 (150-200 amps)
- **Shielding Gas:** 100% Ar
- **Note:** alloy contains silicon and is not recommended if finished work is to be anodized.



#### 5356 (ALUMINUM) SOLID WIRE

Wire Diameter	Spool Size	Part No.
.035	1 lb.	F42070

- Only style MIG wire approved by ICAR
- A wire suitable for castings repair or wrought and sheet work
- Designed for high corrosion resistance and color matched smooth deposits on cast and sheet aluminum
- **Welding Positions:** all positions

- **Tensile Strength:** up to 25,000 psi
- **Elongation:** 19%
- **Operating Range:** .030 (60-100 amps); .035 (100-160 amps)
- **Shielding Gas:** 100%Ar

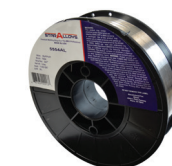


#### STAR ALLOYS 5554 (ALUMINUM) SOLID WIRE

Wire Diameter	Spool Size	Part No.
1.2	5 lb.	F43197

- Most common 5xxx filler alloy for welding 5454 base
- Does not become sensitive to stress corrosion cracking at elevated temperatures
- Higher ductility/formability
- AWS/ASME A5.10 ER554
- Recommended by Ford for aluminum repair

- **Tensile Strength:** up to 35,000 psi
- **Elongation:** 17%
- **Shielding Gas:** 100% Argon
- **Operating Range:** 1.2 mm (70-100 amps)



### WELDING — TIG WIRE

#### 220MS (MILD STEEL)

STARALLOYS

Diameter	Length	Package Size	Part No.
1/16"	36"	5 lbs.	F41995
3/32"	36"	5 lbs.	F42001
1/8"	36"	5 lbs.	F41996

- Universal, all position, mild steel TIG alloy
- Designed for welding all types of mild and common steels
- Produces quality weld deposits with superb bead appearance
- Excellent for filling holes and general repair and fabrication applications
- **Tensile Strength:** 85,000 psi
- **Yield Strength:** 75,000 psi

- **Elongation:** 22%
- **Recommended Current:** DC Straight Polarity
- **Shielding Gas:** Argon
- **Product ID Flag Color:** No Flag Tag



#### 2200DS (DISSIMILAR STEEL)

STARALLOYS

Diameter	Length	Package Size	Part No.
1/16"	36"	5 lbs.	F42012
3/32"	36"	5 lbs.	F42014
1/8"	36"	5 lbs.	F42013

- High alloy TIG wire for all tool steels
- Designed to produce crack-free welds with very high mechanical properties
- Ideal for emergency repairs on steels of unknown type
- Use on all carbon and alloy steels, all tool steels, manganese steel, and specialty steels
- Use on any dissimilar metal combinations except for aluminum and copper alloys
- **Tensile Strength:** 126,000 psi

- **Yield Strength:** 90,000 psi
- **Elongation:** 32%
- **Heat Treatable:** No
- **Recommended Current:** DC Straight Polarity
- **Shielding Gas:** Argon
- **Product ID Flag Color:** Light Blue



### WELDING — TIG WIRE (continued)

#### 385S (STAINLESS STEELS)



Diameter	Length	Package Size	Part No.
1/16"	36"	5 lbs.	F42022
3/32"	36"	10 lbs.	F42027

- Fast, smooth corrosion-resistant welds in all positions on 302, 304, 308, 309, 316, and 316L stainless steels
- Used for fabricating and repair of normal and low carbon molybdenum-bearing austenitic stainless steels
- Can be used to overlay steel that must resist corrosion
- Used to weld pipes, fittings, tanks, etc. in paper mills, food processing, and chemical plants
- **Tensile Strength:** 80,000 psi



- **Yield Strength:** 56,000 psi
- **Elongation:** 42%
- **Hardness:** Brinell 209, Rockwell B96
- **Recommended Current:** DC Straight Polarity
- **Shielding Gas:** Argon
- **Product ID Flag Color:** Clear

#### PURGE ROD FLUX COATED SS



Diameter	Length	Flux Color	Package Size	Part No.
3/32"	18"	Yellow	5 lbs.	F43276

- 6316 TIG Rod is an extremely low carbon stainless steel alloy with molybdenum added to provide superior corrosion resistance. It is especially well suited for welding stainless steel pipe wherever a backing ring or a purge gas is required in order to provide impurity free weldments
- A very special TIG that eliminates the expense and wasted time associated with purging pipes with inert backing gasses
- Easy to handle 18" length works in multiple positions without having to bend the wire



- **Tensile strength:** 80,000 PSI
- **Yield Strength:** 56,000
- **Elongation:** 42%
- **Hardness:** Brinell 209, Rockwell B96
- **Recommended Current:** DC Straight polarity

#### 51CI (CAST IRON)



Diameter	Length	Package Size	Part No.
3/32"	36"	5 lbs.	F42041

- The ultimate TIG welding wire for all cast irons (except white)
- Use to weld heavy or thin sections of cast iron to itself or to steel
- Welds are fully machinable
- Parts to be joined should be clean and free of contaminants. Use DC Straight Polarity with a shielding gas of Argon or Helium. No preheat is necessary.
- **Tensile Strength:** 70,000 psi



- **Yield Strength:** 38,000 psi
- **Hardness:** 88-90 Rockwell B
- **Elongation:** up to 35%
- **Recommended Current:** DC Straight Polarity
- **Shielding Gas:** Argon
- **Product ID Flag Color:** Black

#### 521AL (ALUMINUM)



Diameter	Length	Package Size	Part No.
1/16"	36"	5 lbs.	F42057
3/32"	36"	5 lbs.	F42062
1/8"	36"	5 lbs.	F42058

- Low heat, thin flowing, aluminum TIG alloy
- For use on all known weldable aluminums including dissimilar grades
- Deposits have good color match to aluminum
- Produces high strength welds with good electrical conductivity
- Use for joining all grades of aluminum sheet, cast, plate, tubing and piping, extrusions, rod, and wire
- Commonly used to manufacture and repair furniture, truck bodies, window frames, instruments, and appliances



- **Tensile Strength:** up to 35,000 psi
- **Elongation:** up to 15%
- **Working Temperature:** 1070°F (575°C)
- **Recommended Current:** AC (High Frequency)
- **Shielding Gas:** Argon
- **Product ID Flag Color:** White

#### A2 (AIR HARDENING STEEL)



Diameter	Length	Package Size	Part No.
1/16"	36"	5 lbs.	F42071
3/32"	36"	5 lbs.	F42072

- High alloy TIG welding wire for Air Hardening Tool Steel
- Weld deposits are completely heat-treatable and have resistance to high abrasion, mild impact, and wear. Suitable for both hot and cold working applications.
- Used to weld extrusion dies, punches, mandrels, trimmers, coining and forming dies
- **Hardness:** 45-50 RC as welded



- **Maximum Hardness:** 59-62 RC
- **Heat Treatment:** use A-2 procedure
- **Recommended Current:** DC Straight Polarity
- **Shielding Gas:** Argon
- **Product ID Flag Color:** Red

### WELDING — TIG WIRE (continued)

#### H13 (HEAT-TREATABLE STEELS)



Diameter	Length	Package Size	Part No.
1/16"	36"	5 lbs.	F42075

- Premium quality, medium hardness alloy for most tool steels
- Unique formulation makes this alloy outstanding for repair of all air hardened steels
- Weld deposits are highly crack resistant, forgeable, and temperable
- Multiple passes can be made
- Ideal for repair and build-up of tools and dies, shearing blades, planer plates, anvils, earth borers, pressure rollers, mixer arms, and dredger teeth



- Hardness:** 38-42 RC as welded
- Maximum Hardness:** 59-61 RC
- Heat Treatment:** use D-2 procedure
- Recommended Current:** DC Straight Polarity
- Shielding Gas:** M1 (Ar+ CO2); M2 + M3 (Ar + CO2 + O2)
- Product ID Flag Color:** Lime Green

#### P20 (HIGH TEMPERATURE STEEL)



Diameter	Length	Package Size	Part No.
1/16"	36"	5 lbs.	F42077

- Low alloyed, high temperature, solid TIG welding wire
- Outstanding for repair of many air hardened steels
- Weld deposits are highly crack resistant, forgeable, and temperable
- Multiple passes can be made
- Deposits offer good mechanical properties and toughness. Good resistance to cracking when attacked by caustic soda. Suitable for nitriding.



- Tensile Strength:** 57,000 psi
- Elongation:** 23%
- Recommended Current:** DC Straight Polarity
- Shielding Gas:** Argon + CO2 (15-25%)
- Product ID Flag Color:** Yellow

#### S7 (SHOCK-RESISTANT TOOL STEEL)



Diameter	Length	Package Size	Part No.
1/16"	36"	5 lbs.	F42079

- High alloy TIG welding wire for shock resistant tool steels
- Weld deposits are highly shock resistant, dense, and completely heat treatable
- Excellent for medium hot, cold working, and metal to metal wear areas
- Retains high hardness at 600°F
- Primarily used on blanking dies, trimmer dies, bending dies, chisel points, hammer faces, punches, and most high shock, cold working applications



- Hardness:** 54-58 RC as welded
- Maximum Hardness:** 62 RC
- Heat Treatment:** use S-7 procedure
- Recommended Current:** DC Straight Polarity
- Shielding Gas:** Argon
- Product ID Flag Color:** Orange

### WELDING — CABLE

#### WELDING CABLE

Gauge	Color	Roll Length	Part No.
#4	Black	25'	F42342
#4	Black	50'	F42343
#2	Black	25'	F42336
#2	Black	50'	F42337
#1	Black	25'	F42332
#1	Black	50'	F42333
1/0	Black	25'	F42330
1/0	Black	50'	F42331

Gauge	Color	Roll Length	Part No.
2/0	Black	25'	F42334
2/0	Black	50'	F42335
3/0	Black	25'	F42338
3/0	Black	50'	F42339
4/0	Black	25'	F42340
4/0	Black	50'	F42341

- Our all-weather cable defies cold, heat, abrasion, sunlight, moisture, oil, ozone, solvents and comparison.
- Flex-a-prene 600 volt all-weather grade welding cable is rated at +105C to -50C.

- Made with a special jacketing compound, this standard stock welding cable gives you high flexibility without sacrificing weather resistance.
- Also used as battery cable.





## WELDING — ACCESSORIES

### WELDERS PENCILS

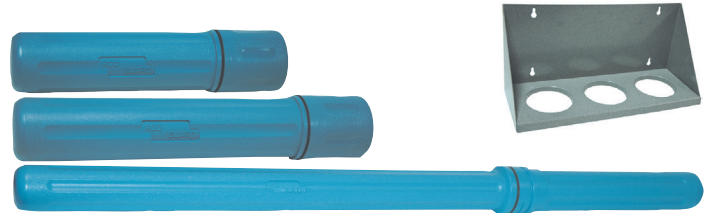
Description	Part No.
Silver-Streak®	F42405
Red-Riter®	F42407



Markal Silver-Streak and Red-Riter welders pencils make torch-resistant marks that will not burn or rub off like soapstone. Ideal for fine line marking during metal layout and fabrication, these highly visible marks illuminate when cutting or welding.

### ROD GUARD® CANISTERS

Description	Length	Part No.
Rod Guard® Canister	18"	F41078
Rod Guard® Canister	36"	F4766
High-Temperature Rod Guard® Canister	18"	F41257
Storage Rack	14" to 18"	F4573
Meter Storage Rack	36"	F4127



### WELD CHIPPING HAMMER

"Safety Tomahawk"

Head Style	Part No.
Cone & Chisel	F4163

- Used for cleaning arc welding slag only
- Safety pinned head
- Induction hardened head
- "Flex-O" steel handle
- Approved eye protection should be worn



### WELD CHIPPING HAMMER / BRUSH

F41079

- Removes slag easily
- Wire brush for cleaning welds
- Metal Handle



### GROUNDING CLAMP

F41553

- 300 amp capacity
- Copper alloy jaws, fully insulated spring
- 1-1/2" jaw opening
- 8" overall length
- **Cable capacity:** Ball Point - 3/0
- **Tweco equivalent:** GC-300



### ELECTRODE HOLDER

F41490

- 250 amp capacity
- High copper alloy construction for optimum conductivity
- 3/16" electrode capacity
- 9-1/4" overall length
- **Cable capacity:** Ball Point - 2/0
- **Tweco equivalent:** A316



### WELDING TIP CLEANER SET

F4459

- Set features a blue anodized aluminum cover
- Contains 13 wires (wire sizes 6-26; drill sizes 77-49)
- Stainless steel wires have tapered ends for ease of entry and uniform ridges for optimum cleaning
- Use to clean welding, brazing, and soldering tips
- Also excellent for cleaning clogged orifices in sprinklers, shower heads, gas range burners, windshield washers, etc.



### MIG CONTACT TIPS

Description	Wire Size	Part No.
Tweco Style 11	.023	F41572
Tweco Style 11	.030	F4189
Tweco Style 11	.035	F4168
Tweco Style 11	.045	F4893
Tweco Style 14	.023	F41594
Tweco Style 14	.030	F41232
Tweco Style 14	.035	F41593
Tweco Style 14	.045	F4394
Miller Style	.023	F41023
Miller Style	.030	F41248
Miller Style	.035	F41315
Miller Style	.045	F4917

- Tips for Tweco and Miller style guns



### MIG PARTS

Description	Part No.
Miller Style Nozzle	F4158
Miller Style Adapter	F41408
Tweco Style Nozzle	F4814
Tweco Style Adapter	F41113

- Nozzles and Adapters for Tweco and Miller style guns



### WELDING — ACCESSORIES (continued)

#### TUNGSTEN ELECTRODES

Description	Color	Part No.
Pure Tungsten 1/16	Green	F4595
Pure Tungsten 3/32	Green	F41784
Pure Tungsten 1/8	Green	F41453
2% Thoriated Tungsten .040	Red	F4555
2% Thoriated Tungsten 1/16	Red	F41398
2% Thoriated Tungsten 3/32	Red	F4135
2% Thoriated Tungsten 1/8	Red	F41504
1.5% Lanthanated Tungsten 1/16	Gold	F4770
1.5% Lanthanated Tungsten 3/32	Gold	F41558

- Tungsten electrodes for Gas Tungsten Arc Welding (GTAW) or TIG welding
- All electrodes are 7" in length
- Precision centerless ground to remove surface imperfections
- Made from the highest quality tungsten steel
- Sold 10 electrodes per box

#### Pure Tungsten

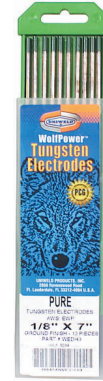
Pure Tungsten electrodes are basically unalloyed; they contain a minimum of 99.5% tungsten. Pure Tungsten readily forms a ball on the end. Generally used for AC welding of aluminum. Principally used on Aluminum, Magnesium.

#### 2% Thoriated Tungsten

The most common electrode used today. Generally used for DC welding of steel and stainless steel and offers good overall performance. This tungsten has a low-level radiation hazard. Principally used on Carbon Steels, Stainless Steels, Nickel, Nickel Alloys, Titanium, Copper Alloys.

#### 1.5% Lanthanated Tungsten

Lanthanated tungsten is a popular substitute for 2% Thoriated tungsten. It offers good arc starting characteristics, longer life than 2% Thoriated, and no radiation hazard. It can be used for both AC and DC welding. Principally used on Carbon Steels, Stainless Steels, Nickel, Nickel Alloys, Titanium, Copper Alloys.



#### SELF-IGNITING TORCH

F43280

- Use MAPP or Propane gas
- Instant flame action
- Swirl combustion for high energy efficient flame that's stable even in windy conditions
- Operates in any position, even upside down
- Trigger lock with safety feature and instant release
- Perfect flame adjustment knob
- 360° Swirl tip
- Made in USA



#### OXY-ACETYLENE TWIN HOSES

I.D.	Length	Connection	Part No.
1/4"	25 ft.	B (9/16-18)	F4521
1/4"	50 ft.	B (9/16-18)	F4919

- Twin line hose (red cover for acetylene, green cover for oxygen)
- Grade R – use with acetylene fuel gas only



#### LIGHTNIN' BUG TORCH LIGHTER

F41528

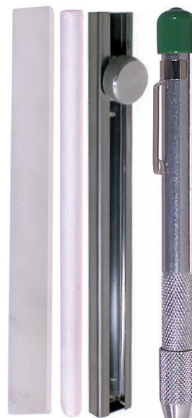
- Multi-spark discharge instantly ignites all fuel gases including oxyacetylene, propane, MAPP, etc.
- Zinc plated body resists rust and corrosion
- Long Life - Never needs flints, batteries, or charging



#### SOAPSTONE MARKERS

Part No.	Description
F4700	Flat Soapstone (single piece)
F32860	Flat Soapstone (144/Box)
F41322	Round Soapstone (single piece)
F32861	Round Soapstone (144/Box)
F4998	Flat Soapstone Holder
F4825	Round Soapstone Holder

- Made of natural soapstone for superior marking
- Use for temporary marking of metal surfaces during welding and fabrication
- Marks will not contaminate welds and are easily removed
- Flat markers are 1/2" x 3/16" x 5"
- Round markers are 1/4" x 5"
- Sold by the single piece or by the box of one gross (144 pcs)



#### CYLINDER TANK WRENCH

F41340

- 10 way wrench with socket for commercial acetylene
- 3/8" socket (actual .390)
- Dropped forged alloy steel for maximum durability
- Baked black powder coated finish for rust protection



#### SHURLITE™ THREE FLINT SPARK LIGHTER

Description	Packaging	Part No.
Three Flint Renewal	1 per card	F41050
Three Flint Spark Lighter	1 per card	F4797

- Ignites under all working conditions
- Three flint design for three times as many lights
- Round file provides sharp surface for continuous sparking
- Durable round edges steel frame built to last
- Plated for rust prevention
- Made in USA



F4797



F41050

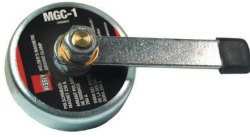
#### THERMOMELT INDICATOR MARKERS

Temperature Rating	Part No.
350°F (177°C)	F3602

- Accurate to within + 1% of rated temperature
- Melts instantly when surfaces reach rated temperatures
- All metal construction
- Bigger design makes Thermomelt® the industry's longest lasting heat stick
- Meets ANSI/ASME B32.1 & B31.3; AWS D1.1 and ASME Code Sec. I, III and VII; NIST traceable



## WELDING — ACCESSORIES (continued)



### GROUND CLAMP MAGNET

Dimensions	Pull lbs.	Amps	Aprox. Weight	Part No.
3-1/2 x 23/32"	55	250	1.75	F4868
3-1/2 x 23/32"	55	800	1.85	F476

- **Specifications:**
- Stud height approx. 2-1/2"
- Spring loaded electrode secures ground to work surface
- Rotating stud assembly



### ARROW MAGNET

Dimensions	Pull lbs.	Pre-set Angles	Aprox. Weight	Part No.
4 x 2-1/2 x 9/16	41	90°/45°	0.76	F41717



### WELDER MAGNET

Dimensions	Pull lbs.	Pre-set Angles	Aprox. Weight	Part No.
3-3/4 x 4-3/8 x 3/4	66	90°/45°	1.10	F41387



### CARRIAGE C-CLAMPS

Capacity	Throat Depth	Part No.
0" - 2"	1-1/8"	F4393
0" - 3"	2"	F41371

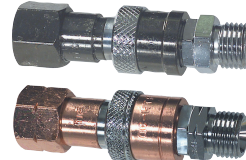
- Ductile iron frame with black oxide screws, swivels, and sliding handle
- Designed for the home craftsman, woodworker, and light industrial service



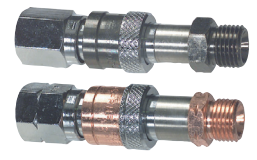
### FORGED C-CLAMPS

Capacity	Throat Depth	Min. Proof Test Lbs.	Part No.
0" - 4"	2-3/4"	3,500	F4753
0" - 6"	3-5/8"	6,900	F41665
0" - 8"	4-1/2"	6,900	F41351

- Drop forged frame with extra deep throat
- Acme roll spindle threads provide maximum strength and clamping force
- Sliding pin handle with rounded, ergonomic ends



F41353

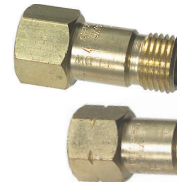


F41364

### QUICK CONNECTORS WITH BUILT-IN CHECK VALVES

Description	Part No.
Hose to torch, Pair, w/Check Valve	F41353
Regulator to Hose, Pair, w/Check Valve	F41364

- Built-in automatic reset check valves prevent the reverse flow of gases
- The quick connect design eliminates hand threading of fittings
- 9/16-18 connectors ("B" fitting)
- Before disconnection, gases must be shut off at regulators
- Color coded for added safety
- **Maximum working pressure:** 29 psi for fuel gases; 145 psi for oxygen



F4883



F4450

### CHECK VALVES

Description	Style	Part No.
Torch End Set, Pair	Attaches to torch with 9/16-18 "B" fitting	F4883
Regulator Adapter Set, Pair	Attaches to regulator outlet bushings	F4450

- Check valves prevent the reverse flow of gases
- The use of check valves between torch and regulator is recommended at all times
- 9/16-18 connectors ("B" fitting)
- **Maximum working pressure:** 29 psi for fuel gases; 145 psi for oxygen



F41219



F4425

### FLASHBACK ARRESTORS

Capacity	Part No.
Torch Set	F4425
Regulator Set	F41219

- Specially designed to prevent personal injury and damage to equipment from severe flashback
- 9/16-18 ("B" fitting)
- Sintered metal flame arresting filter quenches the flame from severe flashbacks
- Built-in automatic reset non-return valve prevents the reverse flow of gases by temporarily shutting off the gases
- **Maximum working pressure:** 15 psi for fuel gases; 145 psi for oxygen

# SHOP SUPPLIES

## 4 Welding

### WELDING — STUDS

#### F4473B500

- Uni-Spotter Welding Stud 2.6mm
- 500 lbs fusion strength
- Heavy duty stud
- Ideal for rockers, rails and post
- Copper coated finish
- 500 pc Clamshell Pack

#### F41570B500

- Uni-Spotter Welding Stud 2.2mm
- 500 lbs. fusion strength
- Super Flexible for hard-to-reach areas and compound pulls
- Copper coated finish
- 500 pc Clamshell Pack

### WELDING — SOLDER

#### SILVER SOLDER SYRINGE

##### F41210

- Five times stronger than regular solder
- Solders most metals
- Stress and vibration resistant
- Use with low heat



#### ROSIN CORE SOLDER

Tin	Lead	Diameter	Melting Point	Part No.
40%	60%	.125	460° F	F4172
60%	40%	.031	374° F	F41492
60%	40%	.062	374° F	F41211
60%	40%	.093	374° F	F4505

- **Safe for electrical repairs**
- Non-corrosive
- 1-pound roll



#### SOLID WIRE SOLDER

Tin-Lead	Melting Temp.	Part No.
50/50	420° F	F4516

- For non-electrical repairs
- Use with Fluxpaste
- .125 diameter
- 1 pound roll



#### ACID CORE SOLDER

Tin-Lead	Melting Temp.	Part No.
40/60	460° F	F41599

- For non-electrical repairs
- Acid core provides the flux
- .125 diameter
- 1 pound roll



#### POCKET PAK ROSIN CORE SOLDER

Tin	Lead	Diameter	Weight	Melting Point	Part No.
60%	40%	1/32"	.5 oz	374°F	F41661
60%	40%	3/64"	.75 oz	355°F	F41587

#### HIGH-STRENGTH SILVER SOLDER

##### F41975

- 96/4 tin-silver
- **Tensile Strength** up to 15,000 PSI
- **Melting Temp:** 430° F
- **Wire Dia:** .0625" (1/16")
- Rosin Core
- Cadmium Free - FDA Approved, Non-Toxic
- Free of Zinc, Antimony and Lead
- 1-Pound roll



### WELDING — CHEMICALS

#### COOL GEL HEAT BARRIER SPRAY

##### F41164

- Helps prevent heat damage to components and surrounding materials during soldering, brazing, and welding
- Clear, non-staining gel leaves no residue eliminating clean-up
- Safe, non-toxic, odorless
- Protects painted and finished surfaces discoloration due to adjacent torch operations
- Reduces risk of fire to surrounding surfaces such as rubber and plastic seals and gaskets
- Unique gelled formula sticks to surfaces without dripping and running off
- Easy to build thick layers
- Convenient 16 oz. trigger sprayer



#### CRC WELDER'S ANTI-SPATTER

Part No.	CRC Part No.	Net Weight	Can Size
F31652	03083	14 oz. (397 g)	16 fl. oz.

- Advanced technology water-based, non-silicone anti-spatter lubricant
- Eliminates need to chisel, grind, or wire brush welding spatter
- Film is easily removed by wiping with cloth or rag
- Saves time, leaves surface ready for paint or protective coating
- Prevents flash rust of in-process and surrounding metal surfaces
- Low odor promotes better work environment and user comfort
- **Applications:** resistance welding tips, Mig and Tig tips, weldments, electrode holders, contact tips, tools, metal molds and bench top splash guards



#### SOLDERING FLUX PASTE

##### F4234

- 2 oz. can
- Super detergent action cleans as it solders
- Water soluble for faster flushing from pipe lines
- Non-acid non-toxic, lead-free
- Contains no zinc chloride
- Use with all lead-free and common soft solders
- For use on most metal types
- Meets Mil. Spec. Mil-F-4995 Type II



#### NOZZLE GEL

##### F4677

- Welding gel lubricates nozzles and tips, prevents spatter build-up for longer nozzle life
- 16 fluid oz.
- Recommended product for all MIG welders



#### SOLDERING FLUX PASTE

##### F4962

- 4 oz. brush-in-cap can
- Super detergent action cleans as it solders
- Non-acid, non-toxic, lead-free
- Contains no zinc chloride
- Use with all common solders including tin-silver, 96/4, 94/6, 95/5, 50/50, 40/60, and 60/40
- For use on copper, brass, galvanized iron, lead, zinc, tin, silver, nickel, mild steel, terne plate, and malleable iron
- Certified to ANSI/NSF Std. 61 for use with potable water
- Water soluble for faster flushing from pipe lines
- Meets Mil. Spec. MIL-F-4995 Type II



#### STAR SHIELDHEAT RESISTANT COMPOUND

##### F41818

- An asbestos free, easy to mold, dual-purpose material used for insulating and positioning parts for welding, soldering, or brazing
- Shapes like putty and will not burn, crack, melt, swell, or interrupt alignment
- Protects plastics, rubber, glass, and paint from the effects of heat and withstands temperatures to 3000°F; stops heat transfer
- Reduces distortion when welding light gauge metals such as stainless steel
- Available in a 2 lb. container





## WELDING — CHEMICALS (continued)

### METALTEC 7100

F43173

- Brushable ceramic composite designed for coating new and worn surfaces exposed to wet or dry particle abrasion, entrainment, frictional, wear, erosion, cavitation and corrosion
- Formulated with abrasion resistant ceramic fibers in various pre-calculated shapes and sizes, the unique chemistry produces a coating with ultra high compressive strengths to provide excellent adhesive strength and very high temperature resistance.
- Has consistency of heavy syrup for coating: pumps, valves, slurry lines, augers, feed screws, flue gas scrubbers, demineralizing beds, vacuum pumps, salt spreaders, exhaust fans, fertilizer dryers, heat exchangers, impellers, and chemical tanks.
- USDA accepted for incidental food contact
- 4.4Lbs.



### HILO SILVER BRAZING FLUX

F41819

- Formulated to be used in silver brazing applications
- Used on steel, stainless steel, copper, nickel, carbides, precious metals and heat resistant alloys
- The creamy-white silver brazing flux is active and protective to 1600°F
- Available in a 1 lb. container
- Meets AMS 3410 specifications



## WELDING — SAFETY

### PREMIUM TIG WELDING GLOVES

Size	One Pair
Medium	F4360
Large	F4223
X-Large	F4297

- Premium grain kidskin for excellent softness and good durability
- Lined back blocks out heat along the back of hands and fingers
- Palm side is unlined for dexterity
- Reinforced palm rest provides extra protection while welding on hot surfaces
- Kevlar® stitched for strength and spark resistance
- Sold by the pair



### ECONOMY WELDING GLOVES

One Pair

F4637

- Gray shoulder leather
- Lined
- Welts added to seams for strength
- Sold by the pair



### PREMIUM WELDING GLOVES

Size	One Pair
Medium	F4819
Large	F4592
X-Large	F41702

- Premium, blue side split cowhide for quality and durability
- Double reinforced and full welting for cushioned comfort and heat insulation
- Kevlar® stitched for strength and spark resistance
- Sold by the pair



### FLAME RETARDANT WELDING JACKET

Size	Chest Measurement	Sleeve Measurement	Part No.
Medium	40-42	34	F41605
Large	44-46	34	F4889
X-Large	48-50	36	F4873
XX-Large	52-54	36	F41252

- 9 oz. flame retardant cotton welding jacket
- 30" length
- Color: Green
- Reinforced snap front and handy inside pocket



### FIBERGLASS WELDING BLANKET

F41752

- 24 oz. white fiberglass
- Size: 6' x 6'
- .050 thickness
- Melting Temperature: 1000°F



### NEOPRENE COATED FIBERGLASS WELDING BLANKET

F4310

- 30 oz. gold neoprene coated fiber glass resists abrasion better than uncoated blankets
- Size: 6' x 6'
- .053 thickness
- Melting Temperature: 1000°F



### HIGH PERFORMANCE WELDING BLANKET

Size	Part No.
6" x 6"	F4903
6" x 8"	F4612

- 16 oz. black carbon fiber felt material
- Size: 6' x 6'
- .170" thickness
- Working Temperature: 1800°F (3000°F Short Durations)
- Soft and flexible, flame-resistant material will not scratch delicate surfaces
- For heavy sparks, spatter, and slag. Limited abrasion resistance.
- Perfect for automotive applications



### 3M WELDING RESPIRATOR N95

3M Part No.	Respirator Per Box	Part No.
07189	10	F41132

- Designed to provide reliable worker protection for applications such as welding, cutting, grinding, and sanding
- Fiber media and protective layer of this respirator are flame resistant as demonstrated per ASTM D2859-96. Not a substitute for a faceshield.
- 3M Cool Flow™ exhalation valve improves comfort
- "M" nose clip adjusts to many face shapes
- NIOSH approved





### WELDING — EYE PROTECTION

#### CARRERA HELMETS

- True Color Technology
- Shade Control
- Grind Mode
- Sensitivity Delay
- Variable Delay
- View Area 7.1 Sq in
- Light state 4
- Dark state 9-13
- 25amps
- 4 sensors



#### VISION 911 HELMET

- True Color Technology
- Shade Control
- Grind Mode
- Sensitivity Delay
- Variable Delay
- View Area 6sq in
- Light state 4
- Dark state 9-13
- 25 amps
- 2 Sensors



#### VISION HELEMT LARGE

- HD Technology Best-in-class optical clarity&sensitivity
- X-Tig technology:ideal for low amp Tig welding
- large viewing area
- wide dark state shade range
- Comfagear headgear
- patented cover plate quick change system technology
- Shade Control
- Grind Mode
- Sensitivity Delay
- Variable Delay
- View Area 17sq in
- Light state 4
- Dark state 5-13
- X-Tig Mode
- 5 amps
- 4 Sensors
- Analog



#### ASTROSPEC WELDING GLASSES

- UVEX "Spatula" style
- Adjustable temples and lens inclination
- Frame color — black
- Lens — 5.0 welding tint, hardcoat, replaceable



#### WELDING/BRAZING GOGGLES

- 2" x 4-1/4" lift front welding/brazing goggles
- Vinyl face piece fits naturally to contour of face
- Adjustable elastic strap
- Supplied with replaceable shade 5 polycarbonate filter plate
- **Note: Do not use shade 5 filter plate for welding.**
- **For welding use with shade 10 filter plate #865.1511**



#### REPLACEMENT FOR CARRERA HELMETS

Description	Part No.
Inside Cover Plate	F44949
Outside Cover Plate	F44950
Sweatband	F44951
Control Center Section	F44952
Headgear Thumb Screw	F44953

- Polycarbonate filter lenses offer impact resistance far superior to glass
- Clear, polycarbonate safety plates (.060" thickness) protect filter lenses from slag, grit, and debris
- Meets all applicable ANSI standards



#### REPLACEMENT FOR VISION HELMETS

Description	Part No.
Inside Cover Plate	F44957
SweatBand	F44956

- Polycarbonate filter lenses offer impact resistance far superior to glass
- Clear, polycarbonate safety plates (.060" thickness) protect filter lenses from slag, grit, and debris
- Meets all applicable ANSI standards



#### FILTER LENSES AND SAFETY PLATES

Description	Part No.
2" x 4-1/4" Filter Lens, Shade 5	F41256
2" x 4-1/4" Filter Lens, Shade 10	F41720
4-1/2" x 5-1/4" Filter Lens, Shade 10	F492
2" x 4-1/4" Safety Lens, Clear	F4594
4-1/2" x 5-1/4" Safety Lens, Clear	F4351
Gold Glass Filter Plate HG10 4.5 X 5.25	F42089

- Polycarbonate filter lenses offer impact resistance far superior to glass
- Clear, polycarbonate safety plates (.060" thickness) protect filter lenses from slag, grit, and debris
- Meets all applicable ANSI standards

## SAFETY — DISPOSABLE GLOVES

### GLOVEWORKS™ HEAVY DUTY LATEX DISPOSABLE GLOVES

Size	Part No.
Medium	F4823
Large	F4850
X-Large	F4626

- Powder-free
- Industrial grade
- Extra thick (8 mil) for superior protection
- Textured for superior wet or dry grip
- Packed 100 gloves per box
- **Color:** Natural
- **Thickness:** 8 mil



### XTREME X3D NITRILE DISPOSABLE GLOVES POWDER-FREE

Size	Part No.
Small	F42344
Medium	F42346
Large	F42348
X-Large	F42350
XX-Large	F42352

- Textured
- Latex Free
- Packed 200 gloves per box
- **Color:** Blue
- Comply's with FDA 21CFR, 170-199



### GLOVEPLUS™ BLACK NITRILE DISPOSABLE GLOVES POWDER-FREE

Size	Part No.
Medium	F4561
Large	F4160
X-Large	F41255
XX-Large	F4550

- Latex-free
- Industrial grade
- Textured for a non-slip grip
- Powder-free
- Packed 100 gloves per box
- **Color:** Black
- **Thickness:** 5 mil Palm - 6mil Fingertip



### GLOVEWORKS™ NITRILE DISPOSABLE GLOVES POWDER-FREE

Size	Part No.
Small	F41380
Medium	F471
Large	F4199
X-Large	F41165
XX-Large	F41509

#### LIGHTLY POWDERED

Size	Part No.
Small	F41616
Medium	F4383
Large	F4967
X-Large	F41722
XX-Large	F41507

- Latex-free
- Industrial grade
- Textured for a non-slip grip
- Packed 100 gloves per box
- Available in powdered or powder-free
- **Color:** Blue
- **Thickness:** 5mil Palm - 6mil Fingertip



### NITRILE EXAM GRADE DISPOSABLE GLOVES

Size	Part No.
Small	F44295
Medium	F44296
Large	F44297
X-Large	F44298

- Medical grade
- Powder/Latex free
- Micro-roughened grip
- Superior comfort & strength



### GLOVEPLUS™ HEAVY-DUTY NITRILE DISPOSABLE GLOVES POWDER-FREE

Size	Part No.
Medium	F41052
Large	F4227
X-Large	F41460

- Extra thick (8 mil) and Extra Long (12")
- Textured for a better grip
- Packed 50 gloves per box
- Exam grade
- **Color:** Blue
- **Thickness:** 8mil



### GLOVE WORKS HEAVY DUTY BLACK NITRILE DISPOSABLE GLOVES POWDER-FREE

Size	Part No.
Medium	F44003
Large	F44005
X-Large	F44007
XX-Large	F44009

- Latex Free
- Diamond Textured for incredible levels
- Industrial Grade of grip, wet or dry
- Powdered Free
- **Color:** Black
- **Thickness:** 6mil Palm - 7mil Finger tips



### GLOVE WORKS HEAVY DUTY ORANGE NITRILE DISPOSABLE GLOVES POWDER-FREE

Size	Part No.
Medium	F43186
Large	F43188
X-Large	F43190
XX-Large	F43192

- Latex Free
- Industrial Grade of grip, wet or dry
- Powder Free
- Diamond Textured for incredible levels
- **Color:** Orange
- **Thickness:** 8mil Palm - 9mil Finger tips



### XTREME X3™ NITRILE DISPOSABLE GLOVES

Size	Part No.
Small	F4578
Medium	F41302
Large	F4634
X-Large	F4687

- Sets the new standard utilizing thinwall technology for exceptional dexterity
- Powder and latex free
- Packed 100 gloves per box
- **Color:** Blue
- **Thickness:** 3mil (excellent strength)



### HEAVY-DUTY LATEX EXAM GLOVES POWDER-FREE

Size	Part No.
Medium	F44800
Large	F44799
X-Large	F44801

- Exam-grade
- **Color:** Blue
- Powder-free
- Textured
- **Thickness:** 13 Mil



# SHOP SUPPLIES

## 5 Safety Products

### SAFETY — DISPOSABLE GLOVES (continued)

#### AMMEX NITRILE EXAM GLOVES POWDER-FREE

Size	Part No.
Small	F44740
Medium	F44741
Large	F44743
X-Large	F44742

- Exam-grade
- **Color:** Black
- Powder-free
- Textured/micro-roughened
- **Thickness:** 4 Mil



#### GLOVEPLUS™ LATEX DISPOSABLE GLOVES POWDER-FREE

Size	Part No.
Small	F496
Medium	F4900
Large	F4109
X-Large	F4157

- Comfort and dexterity
- Wet and dry grip
- Powder-free
- Medical grade



#### GLOVEWORKS HD ROYAL BLUE NITRILE GLOVE POWDER-FREE

Size	Part No.
Medium	F44267
Large	F44269
X-Large	F44271
XX-Large	F44273

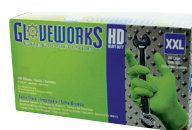
- Diamond Textured
- Beaded Cuff
- Powder-free
- Ambidextrous
- **Color:** High Visibility Royal Blue
- **Thickness:** 6mil Palm - 7mil Finger tips



#### GLOVE WORKS HEAVY DUTY GREEN NITRILE DISPOSABLE GLOVES POWDER-FREE

Size	Part No.
Medium	F44130
Large	F44132
X-Large	F44134
XX-Large	F44136

- Latex Free
- Diamond Textured for incredible levels
- Industrial Grade of grip, wet or dry
- Powdered Free
- **Color:** Green
- **Thickness:** 8mil Palm - 9mil Finger tips



#### RAVEN NITRILE GLOVES

Size	Part No.
Small	F41860
Medium	F41861
Large	F41862
X-Large	F41863
XX-Large	F41864

- 6 Mil Nitrile
- Powder Free
- Superior puncture & abrasion resistance
- Beaded cuff with textured grip
- Ambidextrous



#### LATEX DISPOSABLE GLOVES POWDER-FREE

Size	Part No.
Small	F42099
Medium	F42100
Large	F42101
X-Large	F42102

- Industrial Grade
- Powder Free
- Textured
- Polymer Coated
- Beaded Cuff
- Non-Sterile/Ambidextrous



#### THICKSTER™ LATEX DISPOSABLE GLOVES

Size	Part No.
Medium	F41721
Large	F41419
X-Large	F4198
XX-Large	F41776

- Heavy duty latex construction
- Maximum strength/tear resistant
- Lightly powdered
- Textured grip
- 50 gloves per box
- **Color:** Blue
- **Thickness:** 14 mil



#### DISPOSABLE GLOVE DISPENSER

**F41071**  
Wall-mountable (comes with hardware)  
White, powder-coated wire dispenser  
Holds one box of disposable gloves



#### HEAVY DUTY DISPOSABLE GLOVE DISPENSER F44276

- Accommodates larger box of diamond textured gloves
- Slot holes for vertical or horizontal wall mounting
- Heavy duty white coated-wire holds 1 box
- 5.67" W X 8.16" H X 3.75" D



## SAFETY — GLOVES

### PROFLEX HIGRIP GLOVES

Size	Part No.
Medium	F41296
Large	F41303
X-Large	F41240

- Textured silicone palm and fingers
- Padded breathable spandex back
- Micro-injected closure
- Woven elastic cuff
- Neoprene knuckle pad
- Terry cloth thumb brow wipe



### MECHANICS GLOVE BLACK

Size	Part No.
Medium	F42121
Large	F42122
X-Large	F42123

- Excellent dexterity and flexibility
- Machine washable
- Outstanding gripper power
- Spandex top for great flexibility and ease of movement



### GENERAL UTILITY PLUS GLOVES

Size	Part No.
Small	F4826
Medium	F4293
Large	F4545
X-Large	F41298

- Extensive asphalt reinforcement
- Full finger reinforcement
- Durable nylon fourchettes
- Internal knuckle protection
- Supportive FlexMesh™ Cuff
- Sold by the pair



### WATERPROOF WINTER GLOVE

Size	Part No.
Large	F41422
X-Large	F4876

- Waterproof, windproof, breathable membrane
- Insulating micro fleece liner and durable outer shell
- Internal knuckle protection
- Supportive FlexMesh™ Cuff with gusset
- Sold by the pair



### NATURAL COTTON CANVAS GLOVES

One Pair
F455

- Off-white color
- Large size
- Knit wrist



### PREMIUM LEATHER DRIVER GLOVE

Size	Part No.
Medium	F42124
Large	F42125
X-Large	F42126

- Top grain pigskin
- Straight thumb
- General purpose protection
- Strong & comfortable leather
- Excellent protection for grinding, cutting and dismantling



### COTTON JERSEY GLOVES

One Pair Fits All
F4529

- Cotton Jersey provides light duty comfortable hand protection
- Brown color hides the dirt and extends the wear
- Men's size



### MECHANICS SAFETY GLOVE BLACK

Size	Part No.
Medium	F42128
Large	F42129
X-Large	F42130

- Machine washable
- Outstanding protection against knuckle injury
- Padded palms perfect for use with pneumatic tools
- Unparalleled comfort



### PRO HANDLING GLOVE GREY

Size	Part No.
Medium	F42115
Large	F42116
X-Large	F42117

- Machine washable
- Greatly reduces skin abrasions and cuts
- Silicone strips on fingertips and palm for secure grip



### MX'S SLIP ON GLOVE YELLOW

Size	Part No.
Medium	F42118
Large	F42119
X-Large	F42120

- Machine washable
- Excellent dexterity and flexibility
- Outstanding gripper power



### CUT RESISTANT GLOVES

Size	Part No.
Medium	F44100
Large	F44101
X-Large	F44102
XX-Large	F44103

- Level 3 cut protection HPPE comfortable machine knit shell
- Durable latex textured grip
- Safety orange palm
- Gray liner helps conceal dirt and wear
- TPR bumpers offer back of hand impact protection
- Easily identifiable color coded cuff by size



### TPR IMPACT GLOVES

Size	Part No.
Large	F44427
X-Large	F44427

- Impact glove
- Nitrile Sandy Palm Coated
- TPR padding to protect fingers and back of hand from impact
- A2 - 900 grams
- ANSI/ISEA 105-2016



### GREEN NITRILE GLOVES

Size	One Pair	Case of 48 Pairs
Large	F41670	F07089
X-Large	F4330	F07090

- Nitrile provides extensive chemical resistance
- Abrasive, cut and puncture resistant
- Green Nitrile
- Embossed wet/dry grip
- 13" length, 15 mil thick



### GREEN PVC GLOVES

One Pair
F41236

- 12" Gauntlet





# SHOP SUPPLIES

## 5 Safety Products

### SAFETY — DISPOSABLE GLOVES (continued)

#### LEATHER DRIVERS GLOVES

Size	Part No.
Small	F41777
Medium	F41443
Large	F4500
X-Large	F4799

- Standard grain cowhide
- Straight thumb
- Unlined
- Sold by the pair



#### COTTON STRING GLOVES

Size	One Pair
Small	F4488
Large	F41091

- with Grip Dots
- Cotton/polyester blend
- Dotted on both sides
- Regular weight



#### CUT RESISTANT GLOVES

Size	One Pair
Large	F44203
X-Large	F44204
XX-Large	F44205

- Hi Vis green Material
- HPPE/Nitrile Material
- Cut level 5 for ultimate protection
- Knit wrist closure
- Color coated hem for easy size ID



#### NITRILE PALM SAFETY GLOVES

One Pair
F4230

- Heavy Duty
- Blue nitrile palm coated
- Jersey lined
- Knit wrist
- Men's size



#### NITRILE COAT GLOVES W/CUFF

Size	One Pair
Large	F41725



#### NYLON SHELL / NITRILE COATED PALM

Size	Part No.
Medium	F4924
Large	F4769
X-Large	F41552

- Durable Nitrile Coating Provides excellent abrasive resistance and offers protection against oils and greases
- Stretch nylon shell feels like you are working with your bare hands
- Form fitting and flexible
- Machine Washable



#### NYLON SHELL / POLYURETHANE COATED PALM

Size	Part No.
Medium	F41152
Large	F4762
X-Large	F41712

- Polyurethane Palm coating provides unmatched grip and dexterity
- Stretch nylon shell feels like you are working with your bare hands - keeps hands cool
- Machine Washable



#### BROWN JERSEY GLOVES

Size	Type	One Pair
Large	Unlined	F4370
Large	Lined	F4312

- Available lined or unlined
- Unlined gloves have a knit wrist
- Lined gloves are slip-on style



#### STRING KNIT GLOVES

Size	One Pair
Medium	F4842
Large	F4481

- Cotton/Polyester blend
- Seamless and reversible design
- Can also be used as a glove liner for added warmth



#### COTTON IMPACT GLOVE - GREEN

One Pair
F44415

- Versatile cotton blend glove with TPR for multi use
- 100% woven cotton



#### LEATHER PALM WORK GLOVES

Size	One Pair	Case of 48 Pairs
Large	F41011	F07094
X-Large	F41396	F07095

- Heavy Duty
- Rubberized safety cuff
- Full feature deluxe work glove
- Wing thumb
- Large size



#### LEATHER PALM WORK GLOVES

One Pair	Case of 48 Pairs
F4991	F07093

- Standard Duty
- Denim cuff
- Washable
- Reinforced patch palm
- Wing thumb
- Large size



#### KEVLAR® SHELL / NITRILE COATED PALM

Size	Part No.
Medium	F4251
Large	F41330
X-Large	F41413

- Nitrile coating provides excellent abrasive resistance and offers protection against oil and greases
- Kevlar fiber is five times stronger than steel and offers exceptional cut resistance
- Machine Washable



#### BAMBOO SHELL / LATEX COATED PALM

Size	Part No.
Medium	F4245
Large	F41650
X-Large	F4540

- Textured latex coating provides great grip and tough abrasion and puncture resistance
- Bamboo fabric is up to 4 times more absorbant than cotton
- Will not hold odor or grow fungus, even if left in moist conditions
- Machine washable (Lay flat to dry)
- Great for general material handling, tools, gardening, and yard work





## SAFETY — GLOVES (continued)

### LINEMAN'S GLOVE KIT F41667

#### Kit includes:

- 14"L insulating red/black rubber glove
- Goatskin leather protector glove
- 12" protective storage bag
- **Compliance:**
- Meets or exceeds ASTM D120 Standard
- Meets International Standard 903, IEC-1988



### GLOVE GRABBER



- Keep gloves where you want 'em when you want 'em
- Easy to use, comfortable feel
- Clips to clothing, belts, tool belts and D-Rings
- Breakaway feature
- Dielectric / Non-conductive material

## SAFETY — RESPIRATORS

### HALF FACEPIECE REUSABLE RESPIRATOR

Part No.	Description
F44348	Small
F44349	Medium
F44360	Large
F44350	P100 Hepa Filter - Pair

- Combines comfort and convenience
- Comfortable soft, lightweight facepiece with easy-to-adjust head straps
- NIOSH approved
- Can be disassembled, cleaned and reused
- Replaceable filters allow reuse of facepiece for cost savings
- Filters Sold Separately



### WILLSON® DUST MASK

Part No.	Packaging
F4256	Sold Individually
F42222	50 Masks/Box

- Lightweight and disposable
- For relief from nuisance level dusts & mists (non-oil)
- Not NIOSH-Approved



### 3M EASI-CARE PAINT SPRAY RESPIRATOR ASSEMBLY

Part No.	Description	3M Part No.
F41537	Medium Respirator Assembly	07192
F4228	Large Respirator Assembly	07193
F41349	P95 Filter (10 per Box)	07194

- Maintenance free
- Recommended for spray painting lacquer, enamel, and pesticides
- NIOSH 42CFR84 approved
- Assembly includes: organic vapor respirator (1 ea.), P95 filter (2 ea.), and filter retainer (2 ea.)
- Replacement P95 filters are available (10 per box)



### 3M PARTICULATE RESPIRATOR N95

Part No.	3M Part No.	Respirator Per Box
F41267	07185	10

- NIOSH 42CFR84 approved
- 3M recommended for grinding, sanding, and buffing
- **3M Cool Flow™ exhalation valve improves comfort**
- "M" nose clip adjusts to many face shapes
- NIOSH certified as 95% efficient in removing solid and liquid particles (excluding those containing oils)



### RESPIRATOR WIPES ALCOHOL FREE

Part No.	Packaging
F44359	100 per Dispenser

- Alcohol-free hygienic wipes
- Removes body oils and perspiration
- Used for cleaning respirators and other protective equipment



### RM10 N95 RESPIRATOR

Part No.	Respirator Per Box
F487	20

- 95% efficient respiratory protection in non-oil areas
- Maintenance-free construction
- Inside filter for lower breathing resistance
- Latex-free ultrasonic welded head-strap for secure seal
- Adjustable aluminum nose clip with foam strip to reduce the potential for eyewear fogging
- NIOSH approved for protection against particulate aerosols free of oils



### N95 PARTICULATE RESPIRATOR

Part No.	Packaging
F4664	2 Pack

- Inner foam provides a custom seal
- Dual head strap for optimum fit
- NIOSH-Approved TC-8A-3888



### 3-PLY FACE MASK WITH EAR LOOPS

Part No.	Mask Per Box
F44614	50

- 99.5% bacterial filtration protects from harmful contaminants in the air
- Spun bonded polypropylene; 3-layer, pleated
- Anti-fog sweat band across bridge of nose
- One size fits all
- Meets FDA requirements as specified in CFR Code 21



# SHOP SUPPLIES

## 5 Safety Products

### SAFETY — HEAD & FACE PROTECTION

#### HARD HATS

Part No.	Color
F44351	Orange
F44352	White
F44353	Yellow
F44354	Blue
F44355	Hi-Viz Green

- 6-point ratchet nylon suspension
- Light weight polyethylene
- Adjustable head cradle
- Soft brow band
- Meets ANSI Z89.1-2003 Standard Type 1, Class G & E



#### FACESHIELDS

Economy  
8"x15-1/2" x.04" Thick  
Clear- **F41448**



#### STANDARD

Curved molded lens  
8"x15-1/2" x.06" Thick  
Clear- **F41601**



#### DELUX

Aspherical Lens  
8"x15-1/2" x.06" Thick  
Clear- **F4597**  
Tint- **F4101**



\*Use with F41577 Headgear only

#### HARD HATS

Part No.	Color
F4347	Yellow

- 6-point nylon suspension
- Quick-Slide sizing adjusts suspension from head sizes 6-12 - 8
- Molded from high density polyethylene for maximum protection
- Meets ANSI Z89.1-2003 standard type 1, class C, E & G requirements
- Made in the U.S.A.



#### OMEGA II FULL BRIM SFTY HELMET

Part No.	Color
F44356	White

- 6 Point woven nylon suspension
- Accommodates chin strap
- Moisture wicking brow pad is removable, washable and replaceable
- Adjustment for head size 6.5 - 8
- SEI Certified



#### HEAD GEAR (FACE SHIELD NOT INCLUDED)

##### F41511

- Non-slip ratchet adjustment
- Pin lock adjustment for top band suspension
- Double cam visor lock
- Padded sweat band



\*Use with F41448, F41601, F4597, F41577 and F4101

#### BUMP HAT

Part No.	Color
F44357	White

- Cross ventilation for maximum air circulation
- Moisture wicking brow pad is removable, washable and replaceable
- Adjusts from head sizes 6.5 - 7.75
- Protects head from lacerations, minor bumps and bruises
- For use in areas where certified safety helmets are not required
- Not a hard hat



#### DELUX HEAD GEAR RATCHET ASSEMBLY

##### F41577

\*Use with F41448, F4597



### SAFETY — HEARING PROTECTION

#### BANDED EAR PLUGS

##### F4606

- Light weight and durable band
- Super soft, washable plugs
- **NRR: 23**



#### SILENCER EAR MUFFS

##### F41547

- Adjustable, padded headband
- Soft, foam-padded earcups
- **NRR: 26**



#### REUSABLE CORDED EAR PLUGS

##### F4977

- Super soft, washable plug
- Nylon cord
- Flip top case
- **NRR: 28**



#### EAR MUFFS

##### F41285

- Adjustable, padded headband
- Soft, foam-padded earcups
- **NRR: 25**
- Yellow
- Made in the U.S.A.



## SAFETY — HEARING PROTECTION (continued)

### EAR PLUGS — ALLIANCE

Part No.	Qty/Box	Description
F44666	200 pair	Uncorded
F44667	100 pair	Corded

- **Noise Reduction Rating:** NRR 32
- **Material:** Polyurethane Foam
- **Shape:** Bullet
- **Color:** Orange
- Made in the U.S.A.



### EAR PLUGS — HONOR

Part No.	Qty/Box	Description
F44668	200 pair	Uncorded
F44669	100 pair	Corded

- **Noise Reduction Rating:** NRR 32
- **Material:** Polyurethane Foam
- **Shape:** Wing
- **Color:** Yellow & Green
- Made in the U.S.A.



### EAR PLUGS — GUARDIAN

Part No.	Qty/Box	Description
F44670	200 pair	Uncorded
F44671	100 pair	Corded

- **Noise Reduction Rating:** NRR 33
- **Material:** Polyurethane Foam
- **Shape:** Bell
- **Color:** Orange
- Made in the U.S.A.



### EAR PLUGS — JUSTICE REUSABLE

Part No.	Qty/Box	Description
F44672	100 pair	Corded

- **Noise Reduction Rating:** NRR 27
- **Material:** Thermoplastic Rubber
- **Shape:** Flange
- **Color:** Blue
- Made in the U.S.A.



### EAR PLUGS

Part No.	Description
F44554	Corded
F44555	Uncorded

- No roll-down design for quick/easy fitting
- Threads designed to create a stay-put seal
- Advanced foam formulation
- Excellent comfort
- **NRR:** 30 dB



### EAR PLUGS — DISPOSABLE FOAM

Part No.	Qty/Box	Description
F4262	200 pair	Uncorded
F4287	100 pair	Corded

- Extremely soft foam plug
- Tapered shape offers most comfortable fit for ear canal
- Nylon Dielectric cord
- **NRR:** 32
- **Sold by the box**



### EAR PLUGS - UNCORDED PAIR

- **F44277**
- Smooth, dirt resistant surface
- Easy to roll down for quick and easy fitting
- Tapered design fits comfortably
- Soft polyurethane foam is hypoallergenic
- Noise Reduction Rating (NRR) 29 dB, CSA Class AL



### EAR PLUG STATION

- **F4469**
- **Material:** Foam
- **NPR (max):** 33
- **Usage:** Single Use
- 100% PVC-Free
- 250 pair
- Independently tested to ANSI S3.19-1974
- Includes mounting bracket and hardware
- Made in the U.S.A.



## SAFETY — GLASSES

### HERO SAFETY GLASSES

Part No.	Lens
F44673	Clear
F44674	Smoke
F44675	Anti-Fog
F44676	Indoor/Outdoor

- Polycarbonate temples and single-piece wrap-around lens
- Scratch-resistant lenses provide 99% protection against harmful UV rays
- Meets or exceeds ANSI Z87.1-2010 standard requirements
- High-impact rated



### SCOUT SAFETY GLASSES

Part No.	Lens
F44677	Clear
F44678	Smoke
F44679	Anti-Fog
F44680	Indoor/Outdoor

- Polycarbonate temples and single-piece wrap-around lens
- Scratch-resistant lenses provide 99% protection against harmful UV rays
- Soft, non-slip rubber temple tips
- Meets or exceeds ANSI Z87.1-2010 standard requirements



### FIDO SAFETY GLASSES

Part No.	Lens
F44681	Clear
F44682	Smoke
F44683	Anti-Fog
F44684	Indoor/Outdoor

- Sport, semi-frame, lightweight design
- Durable co-injection rubber temples with non-slip nose piece
- Scratch-resistant lenses provide 99% protection against harmful UV rays
- Meets or exceeds ANSI Z87.1-2015 standard requirements
- Lightweight clear lens with black temple tips



### VULTURE SAFETY GLASSES

Part No.	Lens
F44685	Anti-Fog

- MAX Intelligent anti-fog technology
- Soft, rubber-tipped temples and nose piece
- Lightweight design with polycarbonate lens
- Anti-fog coating is water-based and environmentally friendly



# SHOP SUPPLIES

## 5 Safety Products

### SAFETY — GLASSES (continued)

#### COBALT SAFETY GLASSES

Part No.	Lens
F41033	Clear Lens
F4311	Smoke Lens
F4930	Polarized Lens

- Lightweight Frame
- Wraparound design



#### RAD-ATAC SAFETY GLASSES

Part No.	Lens
F4201	Clear Lens
F41290	Smoke Lens

- Rubber tipped temples
- Polycarbonate lens
- Lightweight frame



#### REVELATION SAFETY GLASSES

Part No.	Lens
F4492	Clear Lens
F4401	Smoke Lens
F41206	Amber Lens
F41186	Polarized Lens

- Impact resistant polycarbonate lens
- Adjustable temples fit most face sizes
- Non-slip rubber nose pad



#### MIRAGE SAFETY GLASSES

Part No.	Lens
F41321	Clear Lens
F41197	Smoke Lens

- Dual wraparound optically correct polycarbonate lens
- Sleek lightweight design



#### MIRAGE RT SAFETY GLASSES

Part No.	Lens
F41664	Clear Lens
F4915	Smoke Lens

- Dual wraparound optically correct polycarbonate lens
- Sleek lightweight design
- Rubber tipped temples



#### RAD — APOCALYPSE SAFETY GLASSES

Part No.	Lens
F4860	Clear Lens
F41062	Smoke Lens

- Soft rubber temples and nose piece
- Scratch resistant lens
- Includes neck cord



#### 3M SECUREFIT SAFETY GLASSES

Part No.	Lens
F44556	Clear Lens

- Polycarbonate lense
- Absorbs 99.9% UVA and UVB
- Padded temple for added comfort
- Soft, adjustable nose pads



#### SHARK SAFETY GLASSES

Part No.	Lens
F4182	Clear Lens
F41311	Smoke Lens

- One piece lens design
- Adjustable temples
- Frame color blue



#### RAD — SEQUAL SAFETY GLASSES

Part No.	Lens
F4954	Clear Lens
F41580	Smoke Lens

- Soft rubber nosepiece and temples
- Polycarbonate lens
- Lightweight design



#### CHIEF VISITOR GLASSES

Part No.	Lens
F41584	Clear Lens
F4305	Smoke Lens

- Integrally molded brow guard
- Reinforced sideshields
- Can be worn over prescription glasses



#### CHEATERS SAFETY GLASSES

Part No.	Lens Color
F4357	Clear 1.0
F41620	Clear 1.5
F4110	Clear 2.0
F41031	Clear 2.5
F4619	Clear 3.0
F41399	Smoke 1.5
F4342	Smoke 2.0

- Combining protective safety glasses with reading glasses
- Cushioned non-slip rubber temple pads
- Vented rubber nosepiece
- Magnification diopter molded into the lens



#### UVEX XC® SAFETY GLASSES

Part No.	Lens
F4755	Clear

- Made in the U.S.A.
- Passes ANSI Z87+ and MIL-PRF 31013
- HydroShield™ coating guarantees fog free lenses
- 99.9% UV protection
- Anti-Scratch lenses



#### ROCK SAFETY GLASSES

Part No.	Frame/Lens
F4190	Black/Clear
F41136	Black/Smoke
F41326	White/Clear
F4859	White/Smoke

- Sleek, lightweight design with wraparound temples
- Impact resistant polycarbonate lens
- Adjustable rubber nosepiece
- Meets ANSI Z87.1+
- Anti-fog lens coating



#### TOUR-GUARD III SAFETY GLASSES W/DISPENSER

Part No.	Lens
F41592	Clear

- Dispenser contains 20 pair of Tour-Guard III Safety Glasses
- ANSI Z87.1-2003 High Impact Compliant
- Made in the U.S.A.



#### CLEAR SIDESHIELDS

- Fits easily over your prescription eyewear temples
- 2" wide x 1" high
- Does NOT meet ANSI Z87.1 + standards





## SAFETY — EYE PROTECTION

### PERFORATED GOGGLES

Clear anti-fog lens - F4818

- Perforated sideshields
- Elastic strap
- Fits over most prescription glasses



### CHEMICAL GOGGLES

Clear anti-fog lens - F4336

- Indirect vents provides protection against chemical splashes
- NeoPrene strap
- Fits over most prescription glasses



### ANTI-SPLASH/FOG GOGGLE

F41117

- Tough Duralite Polycarbonate Lens
- Anti-Fog Resistant Coating
- Large Lens Opening Fits Over & Safety Glasses
- Wide Nasal Flare Fits Over Most Half-Mask Respirators
- Meets ANSI Z87.1 and Z94.3 Standards
- Made in the U.S.A.



### SAFETY NECK CORDS

Color	Part No.
red	F4284
black	F41462

- Provides convenient access to safety eyewear
- Universal cords fit all safety glasses



### LENS CLEANING TOWELETTES

F4993

- Handy pocket size pre-moistened towelettes
- 100 towelettes per box
- Box serves as dispenser
- Cleans greasy & oily glasses while providing an anti-fog/anti-static coating



### EYE WASH STATIONS

Part No.	Description
F4200	Eye Wash Station Refill 16 oz.
F41193	Dual Eye Wash Station 2/16 oz.

- Wall mountable
- For use wherever immediate eye and body flushing may be needed
- Once bottle is opened, discard and replace with refill



### LARGE LENS CLEANING STATION

F41324

- 1603 spray cleaning solution
- 1200 tissues



## SAFETY — MISCELLANEOUS PROTECTION

### 3 PIECE RAIN SUIT

Size	Part No.
Large	F4891
X-Large	F4562
XX-Large	F41049
XXX-Large	F41276

- 3 Piece rain suit includes bib overall suspender and jacket with detachable hood
- .35mm PVC/Polyester
- Corduroy Collar
- **Color:** Yellow



### KNEELING PAD

Size	Part No.
15-1/2 x 7	F41859

- Lightweight foam rubber
- Comfortable and easy to use



### PROFLEX STANDARD BACK SUPPORT

Size	Part No.
Medium	F41437
Large	F41112
X-Large	F41341
XX-Large	F41680

- Patented non-conductive Sticky Finger stays
- Adjustable detachable suspenders
- Patented Power Panel positioners
- Durable spandex body material
- Stretchable bias binding with zig-zag stitching



### DELUXE KNEE PAD

F41856

- Plastic cap over tough nylon fabric soft foam rubber core
- Water and abrasive resistant
- Velcro closures
- Easy to use



### NITROFOAM™ ALL TERRAIN KNEEPADS

F4477

- Durable all terrain cap
- Extremely comfortable to wear
- Model 507 is a compact style that offers complete protection
- Model 707 offers ultimate protection
- Double strap for comfort and flexibility
- Sold by the pair



### PROFLEX ECONOMY BACK SUPPORT

Size	Part No.
Medium	F4522
Large	F4948
X-Large	F41338
XX-Large	F41207

- Economical spandex back
- Adjustable detachable suspenders
- Non-conductive polypropylene stays
- Stretchable bias binding with zig-zag stitching
- Rubber track webbing





# SHOP SUPPLIES

## 5 Safety Products

### SAFETY — FALL PROTECTION

#### FALL PROTECTION – FALL TECH

At FallTech, we design and build products of the highest quality and offer them at reasonable prices. Our Personal Fall Arrest Systems meet or exceed the highest industry standards, including ANSI Z359.

#### FALL TECH - LANYARDS

Part No.	Description
F41865	Self Retracting Lanyard 10'
F41868	6' Shock Absorbing Lanyard

- FallTech also has a variety of positioning and restraint lanyards designed to prevent you from falling from your work position, giving you the ability to work hands free with complete security. All of our lanyards are designed to meet or exceed applicable OSHA and ANSI standards.



#### FALL TECH - HARNESS

Part No.	Description
F41867	Full Body Harness Unifit w/pad
F41866	Full Body Harness Unifit 3D

- All of our harnesses are proudly made by hand right here in the USA, and are truly a cut above. We start with the highest quality polyester and aramid webbings and finish them off with our own proprietary hardware and accessory parts. Even our most basic harness webbing exceeds OSHA and ANSI requirements for tensile strength by more than 1,300 lbs



#### FALL TECH - FALL KIT

Part No.	Description
F41869	End User Fall Kits

- All FallTech Combination Sets meet or exceed OSHA and ANSI standards

### SAFETY — FIRST AID

#### 10 PERSON FIRST AID KIT

F4543

Part No.	Description	Box Qty
F41128	Plastic Bandage	16 ct
F41708	Trauma Pad, 5" x 9"	1 ea.
F4759	Triangular Bandage, 40" x 40" x 56"	1 ea.
F41354	Sterile Gauze Pads, 3" x 3"	4 ct
F41686	Antiseptic Wipes	10 ct
F4906	Burn Relief	6 ct

\*This kit does not meet the ANSI 2015 Safety Standards

Part No.	Description	Box Qty
F41655	Cold Pack 4" x 5"	1 ea.
F41009	Cloth Tape, 1/2"x2.5 yds	1
F41625	Nitrile Exam Gloves	10 pr



- Treats 10 or more people
- 71 pieces
- Ideal for home, car, or small office

#### 25 PERSON 16 UNIT FIRST AID KIT

F44335

Part No.	Description	Box Qty
F44330	CPR Mask, Scissors, Tape Roll	1
F44326	First Aid Guide	1
F43604	Hand Sanitizer Packets, 0.9g	10
F4389	Adhesive Fabric Bandages, 1"x3"	16
F4413	Triple antibiotic Ointment Packets, 0.5g	12
F44331	BZK Antiseptic Towelettes	10
F43603	First Aid/Burn Cream Packets, 0.9g	12
F43602	Burn Dressing, 4"x4"	1

Part No.	Description	Box Qty
F44325	Cold Pack, 4"x5"	1
F44332	Nitrile Exam Gloves	4
F44343	Sterile Gauze Pads, 3"x3"	4
F44324	Triangular Bandage, 40"x40"x56"	1
F4392	1 Eyewash, 1oz w/2 Eye Pads and Strips	1
F41708	Trauma Pad, 5"x9"	2
F41262	Conforming Gauze Rolls, 2"	2



- ANSI 2015 Compliant
- Carry handle or wall mountable
- Treats 25 people
- 84 pieces
- Single use packaging

## SAFETY — FIRST AID (continued)

### 3 SHELF FIRST AID CABINET

F44333

Part No.	Description	Box Qty	Part No.	Description	Box Qty
F4764	Extra-Strength Non-Aspirin	100	F44329	Sterile Gauze Pads, 4"x4"	10
F4913	Antacid Tablets	100	F43611	Elastic Bandage Wrap, 4"x5yd	1
F44326	First Aid Guide	1	F43619	Sterile Eye Pads and Strips	4
F41625	Nitrile Exam Gloves	10	F44321	Eyewash, 4oz	1
F43604	Hand Sanitizer Packets, 0.9g	10	F43620	Heavy Woven Fabric Bandages, 2"x3"	10
F43603	First Aid/Burn Cream Packets, 0.9g	12	F41708	Trauma Pad, 5"x9"	1
F41675	Burn Spray, 4 oz	1	F41262	Conforming Gauze Rolls, 2"	2
F44341	Scissors	1	F41527	Adhesive Fabric Bandages, 1"x3"	100
F44342	Tweezers	1	F4966	Fingertip and Knuckle Fabric Bandages	50
F44323	Hema-flex 5/9 Trauma Pad, 4"x4yd gauze, 2 Nitrile Gloves	1	F4395	Triple Antiflotit Ointment Packets, 0.5g	25
F43615	CPR Face Shield	1	F41657	Alcohol Wipes	100
F44320	Cotton Tipped Applicators	100	F41551	Cold Pack, 6"x9"	1
F44327	Sterile Gauze Pads, 2"x2"	10	F44344	Waterproof Tape, 1/2"x5yd	1
F44343	Sterile Gauze Pads, 3"x3"	10	F44324	Triangular Bandage, 40"x40"x5"	2



- ANSI 2015 Compliant
- Steel case with a handle and wall mount option
- Treats 100 – 150 people
- 657 pieces

### 5 SHELF FIRST AID CABINET

F44334

Part No.	Description	Box Qty	Part No.	Description	Box Qty
F44336	Extra-Strength Pain Reliever	250	F41729	Ammonia Inhalants	10
F44337	Conforming Gauze Rolls, 4"	1	F41527	Adhesive Fabric Bandages, 1" x 3"	100
F4255	Aspirin Tablets	100	F41482	Knuckle Fabric Bandages	40
F33334	Electrolyte Tablets	250	F41385	Fingertip Fabric Bandages	40
F44358	Allergy Tablets	50	F41602	Heavy Woven Fingertip Fabric Bandages	25
F44338	Ibuprofen Tablets	250	F41689	Adhesive Plastic Bandages, 3/4" x 3"	100
F44319	Antacid Tablets	250	F4934	Providone-Iodine Infection Control Wipes	50
F44339	Cough & Sore Throat Lozenges	50	F4395	Triple Antibiotic Ointment Packets, 0.5g	25
F4412	Triple Cut Adhesive Tape Roll, 2"	1	F4793	Burn Gel Packets, 1/8 oz	25
F43606	Hand Sanitizer, 4 oz	1	F41347	Hydrocortisone Cream Packets, 0.9g	25
F43609	Padded Flexible Splint, 4.25" x 24"	1	F4533	Adhesive Fabric Bandages, 2" x 4"	25
F44326	First Aid Guide	1	F41657	Alcohol Wipes	100
F44340	Butterfly Closures	16	F4275	BZK Antiseptic Towelettes	50
F41675	Burn Spray, 4 oz	1	F41039	Sterile Gauze Pads, 2"x2" and 3" x 3"	48
F41022	Antiseptic Spray, 4 oz	1	F43612	Non Stick Pads, 3" x 4"	50
F44341	Scissors	1	F4846	Spray-on Bandage, 3 oz	1
F43610	Rubber Tourniquet, 1" x 18"	1	F43602	Burn Dressing, 4" x 4"	2
F44342	Tweezers	1	F44323	Hema-Flex 5x9 Trauma Pad in 4" x 4yd Gauze, 2 Nitrile Exam Gloves	2
F41628	Hema-Seal 8" x 10" Trauma Pad in 4" x 4yd Gauze, 2 Nitrile Exam Gloves	1	F44325	Cold Pack, 4" x 5"	2
F43615	CPR Face Shield	1	F44324	Triangular Bandage, 40" x 50" x 56"	2
F41625	Nitrile Exam Gloves	10	F41708	Trauma Pad, 5" x 9"	2
F41626	Eyewash, 8 oz	1	F41262	Conforming Gauze Rolls, 2"	2
F44320	Cotton Tipped Applicators	100			
F43611	Elastic Bandage Wrap, 4" x 5 yd	1			
F43619	Sterile Eye Pads and Strips	4			
F44321	Eyewash, 4 oz	1			



- ANSI 2015 Compliant
- Steel case with a handle and wall mount option
- Treats over 200 people
- 2133 pieces

### SAFETY — FIRST AID (continued)

#### SMART COMPLIANCE FIRST AID KIT

- ANSI Standards Compliant
- SmartTab ezREFill System
- Eliminates disorganized supplies
- Clearly labeled compartments
- Easily accessible contents
- SAFETY HUB APP for maintaining inventory

#### 25 PERSON KIT

F44412

Part No.	Description	Box Qty
F44462	Hand Sanitizer Packets	10 ct
F44445	Fabric Bandages 1" x 3"	25 ct
F44460	Bzk Antispetic Wipes	10 ct
F44529	Sterile Gauze Pad, 3" x 3"	10 ct
F44468	Tape, 1/2" x 5yd & 2 Conf Gauze	1 ea.
F44469	Scissors, Wire Handle, 4.5"	1 ea.
F44472	Cold Pack 4" x 5",	1 ea.
F44535	First Aid Guide Pack	1 ea.

Part No.	Description	Box Qty
F44475	Nitrile Gloves	4 ct
F44476	Stainless Steel Tweezers, 3"	1 ea.
F44477	Eyewash, 1 oz Bot, 2 Pads	1 set
F44533	Burn Cream, 10/bag	10 bag
F44530	Burn Dressing, 4" x 4"	1 ea.
F44490	Antibiotic Ointment	10 bx
F44492	Cpr Mask and Triangular Bandage	1 set



4

#### 50 PERSON KIT

F44414

Part No.	Description	Box Qty
F44462	Hand Sanitizer Packets	10/bx
F44444	Plastic Band 1.5" x 1.5"	10/bx
F44445	Fabric Bandages 1" x 3"	25/bx
F44449	Fabric Fingertip Band	1/bx
F44528	Adhes Plast Band, 3/4" x 3"	50
F44459	Alcohol Wipes	20/bx
F44460	Bzk Antispetic Wipes	10/bx
F44531	2" x 2" Sterile Gauze Pad	10 ct
F44534	5" x 9" Trauma Pad	1/bag
F44529	Sterile Gauze Pad, 3" x 3"	10ct
F44468	Tape, 1/2" x 5yd & 2 Conf Gauze	1 set
F44469	Scissors, Wire Handle, 4.5"	1 ea.

Part No.	Description	Box Qty
F44470	Triangular Band 40" x 40" x 56"	1 set
F44472	Cold Pack 4" x 5"	1/bx
F44474	Cpr Mask, 2 Gloves Per/box	1 set
F44535	First Aid Guide Pack	1 ea.
F44475	Nitrile Gloves	4/bx
F44476	Stainless Steel Tweezers, 3"	1 ea.
F44478	1 oz Eyewash, 2 Pads, 5yd Tape	1 set
F44483	Aspirin, 10 x 2/bx	10/bx
F44485	Ext Strgth Non-aspirin, 10 x 2/bx	10/bx
F44486	First Aid Burn Cream	10/bx
F44488	Ibuprofen, 10 x 2/bx	10/bx
F44490	Antibiotic Ointment	10/bx



#### 150 PERSON KIT

F44413

Part No.	Description	Box Qty
F44462	Hand Sanitizer Packets,	10/bx
F44493	Conforming Gauze, 2" x 5 Yd	1 ea.
F44494	Burn Spray	4 oz
F44495	Antiseptic Spray	4 oz
F44552	Splinter Out	10 ct
F44553	Cotton Tipped Applicators	100 ct
F44444	Plastic Band 1.5" x 1.5"	10/bx
F44445	Fabric Bandages 1" x 3"	25/bx
F44446	Plastic Bandages 1" x 3"	25/bx
F44500	Conform Gauze Roll, 4" x 5 Yd	1 ea.
F44551	Padded Flexible Splint, 4.25" x 24"	1 ea.
F44459	Alcohol Wipes	20/bx
F44460	Bzk Antispetic Wipes	10/bx
F44531	2" x 2" Sterile Gauze Pad	10/ct
F44534	5" x 9" Trauma Pad,	1/bag
F44529	Sterile Gauze Pad, 3" x 3"	10/ct
F44507	Triangular Band	2/bx
F44469	Scissors, Wire Handle, 4.5"	1 ea.
F44472	Cold Pack 4" x 5"	1/bx
F44535	First Aid Guide Pack	1 ea.
F44476	Stainless Steel Tweezers, 3"	1 ea.
F44478	1 oz Eyewash, 2 Pads, 5yd Tape	1 set

Part No.	Description	Box Qty
F44514	Cpr Mask, 4 Nitrile Gloves	1 set
F44515	Fabric Fingertip Band	20/bx
F44516	Nitrile Gloves	8/bx
F44517	1/2" x 5yd First Aid Tape	2/bx
F44518	2" x 5yd Elastic Band	1/bx
F44537	2" x 4" Fab Band(6),b'fly Band10	1 set
F44520	Fabric Knuckle Band	20/box
F44530	Burn Dressing, 4" x 4"	1 ea.
F44521	Eyewash, 4 oz	1 ea.
F44522	Tourniquet	1 ea.
F44524	Burn Cream	20/bx
F44525	Antibiotic Ointment	20/bx
F44526	Sting Wipes, 20, & Hydro Cr	1 set
F44544	Aspirin Tablets	100 ct
F44545	Ibuprofen Tablets	100 ct
F44546	Extra-strength Non-aspirin Tables	100 ct
F44547	Antacid Tablets	100 ct
F44548	Woundseal Powder Packs	2 ct
F44549	Liquid Skin	4 ct
F44550	Elovene 15 Glucose Slimpak	2 ct
F44527	2" Triple Cut Adhesive Roll	1 ea.



## SAFETY — PERSONAL PROTECTION

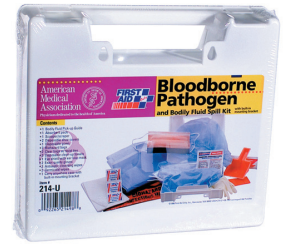
### BLOODBORNE PATHOGEN BODILY FLUID SPILL KIT

F481

#### Kit Contents

Qty.	Description
1	Plastic case 9"x8-3/8"x2-1/2"
1	Disposable gown w/full sleeves
2	Disposable shoe covers
1	Eye shield w/ear loop mask
2	Exam quality vinyl gloves, 1 pair
1	Red Z fluid solidifier, 21 gram
1	Biohazard Scoop with scraper
2	15"x24" Biohazard Bags, 5 gal. capacity
2	Clear bags w/twist ties
3	Disposable clean-up towels
3	Antiseptic cleansing wipes (sting free)
2	5"x8" Germicidal (kills germs) wipe, covers 7.5 sq. ft.
1	Bodily Fluid Pick-Up Guide

- Designed to provide personal protection during biohazard clean-up
- Kit meets federal OSHA recommendations
- Reusable plastic case can be easily carried or mounted on a wall



### SWEATBANDS

F41182

(bag of 25)

- Deluxe full size (8-5/8" long)
- Individually wrapped in plastic sleeves
- **Color:** blue



### KLEENGUARD A40 COVERALLS

Size	Case Count	Part No.	Part No. w/Hood
L	25	F41247	
XL	25	F4647	F41768
XXL	25	F4798	F41063
XXXL	25	F4848	

- Breathable, microporus film laminate material
- Passes NFPA 99 for antistatic materials
- Meets ANSI/ ISEA 101-1996 sizing standards



### TYVEK COVERALLS

Size	Part No.
L	F44366
XL	F44368
XXL	F4774
XXXL	F4953

- White coveralls
- Tyvek material
- Disposable
- Elastic border at wrists and ankles
- Zippered front
- Greater range of movement while stretching and bending



### ARTIC RADWEAR COOLING WRAP

F44279

- Secure around neck by pulling through slot opening
- Reusable packaging design
- Safe and reusable, jobsite proven
- Anti-microbial treated to help prevent mold build-up and unwanted smells
- Heat stress safety management
- Lasts up to 5 hours, depending on humidity levels
- Dimensions: 26" x 8.25"



### NECK SHADE

F44380

- Contrasting Trim Detail
- Materials: Self Extinguishing Treated 100% Polyester Mesh
- Fits both cap-style and full brim hard hats
- High-Visibility Green



### PVC RUBBER BOOT 16"

Size	Part No.
8	F43600
9	F43517
10	F43518
11	F43516
12	F43519
13	F43515

- 16" Length
- One piece injection mold
- Black high molecular pvc compound
- Bar cleat outsole
- Over the sock style
- Plain toe
- Non-skid
- ANSI standard Z91 PT91



### HOTHANDS HAND WARMER

F44401

- Up to eight hours or more of long lasting heat
- Ready-to-use
- Air-activated
- Safe, natural heat
- Single-use, heat packs provide additional warmth.
- 2 warmers per pack
- **Made in USA**



### SHOE COVERS

Color	Part No. 100/Pack
White	F41304

- 100% spun bond polypropylene
- Skid-free sole sleeves
- One size fits most

**+AMMEX**  
The Right Protection, Right Now!



### HOTHANDS TOE WARMER

F44402

- Up to eight hours or more of long lasting heat
- Ready-to-use
- Air-activated
- Safe, natural heat
- Single-use, heat packs provide additional warmth
- 2 per pack
- **Made in USA**



# SHOP SUPPLIES

## 5 Safety Products

### SAFETY — PERSONAL PROTECTION (continued)

#### SAFETY T-SHIRT LIME

Size	Part No.
Medium	F44361
Large	F44363
X-Large	F44364

- Hi-Viz Lime
- 100% polyester birdseye mesh
- Moisture wicking
- Left chest pocket
- ANSI Class 2
- Conforms to ANSI/ISEA 107-2015



#### SAFETY VEST - ECONOMY CLASS 2

Size	Part No.
Large	F41660
X-Large	F41261
XX-Large	F41633
XXX-Large	F41378

- **Closure:** Hook & Loop
- 2" Silver tape reflective material, 1 Horizontal stripe
- Color: Hi-viz green
- **Material:** 100% polyester mesh
- Meet requirements of ANSI/ISEA 107-2004



#### SAFETY VEST - BREAK-AWAY CLASS 2

Size	Part No.
SM/XLG	F43713
2XL/5XL	F43714

- **5 Point Break-Away**
- **Front Zipper Closure**
- **2 nylon microphone tabs**
- **5 pockets**
- **Meets ANSI/ISEA 1-7 Class II & 207-2006 Standards**



#### SAFETY VEST - STANDARD CLASS 3

Size	Color	Part No.
Medium	Hi-Viz Green	F41272
Large	Hi-Viz Green	F4740
X-Large	Hi-Viz Green	F4551
XX-Large	Hi-Viz Green	F41131
XXX-Large	Hi-Viz Green	F41726
Medium	Hi-Viz Orange	F4489
Large	Hi-Viz Orange	F4927
X-Large	Hi-Viz Orange	F4337
XX-Large	Hi-Viz Orange	F41361
XXX-Large	Hi-Viz Orange	F41562

- **Closure:** Zipper
- 2" Silver tape reflective material, 2 Horizontal stripe
- **Material:** 100% polyester mesh
- **Pockets:** 2 each upper outside, 2 ea lower inside
- Meet requirements of ANSI/ISEA 107-2004



#### STAKE FLAGS

Flag Size	Stem Length	Color	Part No.
2-12" x 3-1/2"	21	Yellow	F41656
2-12" x 3-1/2"	21	Blue	F4663
2-12" x 3-1/2"	21	Orange	F4422
2-12" x 3-1/2"	21	Red	F41479

- For marking gas, water, or electric lines on construction sites
- Each flag is glued to its metal stem and will not slip or slide



#### WET FLOOR SIGN – YELLOW F05997

- Professional quality, two-sided sign
- Specially contoured feet to minimize contact with floor to floor finishes
- Durable Polypropylene; 25" tall x 11" wide
- BPA free



#### SAFETY CONES

Size	Part No.
12"	F41220
18"	F4344
28"	F4355

- Brilliant Red-Orange with UV inhibitor
- 100% PVC Injected Molded cone
- Environmentally Friendly-100% Recyclable

