

ELECTRICAL

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ELECTRICAL

Retractable Cord Reels



Multi-plug Reel

Alert Reel offers convenient storage for 20' of 125V 16/3 cord. Features 4 grounded outlets, a 10 amp circuit breaker and carrying handle. UL listed.

Stk. **943023** Mfg. 6000-20G 20' \$ **28.50**

Luma-Site® Cord Reel

Coleman Cable 30' Trinector® 3-outlet power block keeps work area organized. Features grounded outlets and 16/3 cord rated at 10A/125V. Heavy-duty steel reel case. UL listed.

Includes mounting hardware (for ceiling or wall).

Stk. **983134** Mfg. 04633 30' \$ **78.50**



Retractable Outlet w/Light

Coleman Cable Luma-Site® reel keeps work area organized. 16/3 cord pulls out to desired length and locks. Retracts when not in use. Grounded outlet and push-button switch in handle. Heavy-duty steel case mounts easily on wall or ceiling. UL listed. *Bulb not included.*

Includes mounting hardware.

Stk. **983137** Mfg. 05570 30' \$ **72.60**

Extension Cords

Yellow Jacket® with Ground Fault Circuit Interrupter

Woods GFCI cord has lighted 3-outlet power block with right angle male plug. Provides maximum safety. Manual test-reset buttons. PowerLite™ plug glows when the cord has power. UL listed.



Stk.	Mfg.	Gauge	Wires	Amps	Length	Price
983155	2814	12	3	15A	2'	\$ 63.90

Black Indoor Heavy-duty Grounded Extension Cord

Woods Two rugged layers of protection won't mark walls or floors.

Stk.	Mfg.	Gauge	Wires	Amps	Length	Price
983200	5601	16	3	13A	25'	\$ 16.80

Brown Indoor Heavy-duty Extension Cord

Woods Vinyl, cube tap extension cord. Polarized. UL listed.

Stk.	Mfg.	Gauge	Wires	Amps	Length	Price
943027	09405	16	2	13A	20'	\$ 6.12

Extension Cords, cont.

Orange Outdoor Round Vinyl Extension Cords

Woods Manufactured with copper conductors, these cords have solid molded plugs for longer life, and 2 layers of insulation – 1 around each conductor and a second outer jacket that won't mark floors or walls. Resist deterioration from moisture and abrasion. 300V rating. UL listed, meets OSHA specifications.



Stk.	Mfg.	Gauge	Wires	Amps	Length	Price
Orange Standard Outlet						
983102	0267	16	3	13A	25'	\$ 13.10
983103	0268	16	3	13A	50'	23.30
983108	0625	14	3	15A	25'	20.70
983109	0626	14	3	15A	50'	36.10
983106	0528	12	3	15A	25'	35.60
983107	0529	12	3	15A	50'	51.80

Orange 3-Outlet Power Block

983117	08825	14	3	15A	25'	\$ 33.10
983118	08826	14	3	15A	50'	49.30
983119	08827	14	3	13A	100'	87.10
983230	08819	12	3	15A	50'	62.40

Blue Outdoor Low Temp Cords

Coleman Cable High-visibility, blue SJTW extension cords are super flexible for cold temperature. Vinyl cords feature reinforced blades, power indicator light in female receptacle, plus clear PVC plug and connector. UL listed for use to -45°.



Stk.	Mfg.	Gauge	Wires	Amps	Length	Price
983138	02467	14	3	15A	25'	\$ 28.70
983139	02468	14	3	15A	50'	45.10
983140	02469	14	3	13A	100'	81.80
983141	02568	12	3	15A	50'	64.50
983142	02569	12	3	15A	100'	117.00

Blue Outdoor Tri-Source® 3-Way Power Block

Coleman Cable Rugged, bright blue vinyl cord stays flexible outdoors to -45°F. Reinforced blades prevent bending and breaking. Heavy-duty strain relief protection extends cord life. Female end has power indicator light. Meets OSHA and UL specifications.



Stk.	Mfg.	Gauge	Wires	Amps	Length	Price
983136	04168	12	3	15A	50'	\$ 81.80

Yellow Indoor Utility Extension Cords

Woods Flat vinyl utility cords are designed for general-purpose indoor use and feature solid molded plugs and all-copper conductors. Made with a single layer of vinyl insulation that won't mark walls or floors. Resist deterioration from moisture and abrasion.

Stk.	Mfg.	Gauge	Wires	Amps	Length	Price
983120	0834	14	3	15A	25'	\$ 23.40
983121	0835	14	3	15A	50'	43.30
983123	0837	12	3	15A	25'	38.00
983124	0838	12	3	15A	50'	72.10
983125	0839	12	3	15A	100'	138.00

Tool Replacement Cord

Coleman Cable 6' 16/3 power tool replacement cord is black 13A. UL listed.

Stk. **942739** Mfg. 09706 \$ **5.43**



Cord & Cable Wraps

Cable Wraptor™

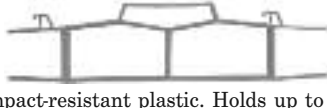
Gardner Bender Wrap and hang cords, cables, work-lights, chains, hoses and more. Features easy-carry T-handle, large-grip teeth, quick-release trigger, stainless steel hinge, cable tie looping hole and large hang hole. Red and black.

Size 2.50" x 2.25" x 3.75". Weight 0.04 lbs.
Stk. **416580** Mfg. CW-T2RR25. \$ **2.80**



Cord Wrap

Bayco Stores extension cords, work lights, coaxial cable, TV antenna wire, speaker wire, rope, holiday lights and more. Heavy-duty, impact-resistant plastic. Holds up to 150' 16 ga., 3-wire extension cord. Orange.



Stk. **942827** Mfg. K-150 \$ **2.66**

Cords, Wires & Holders

Parallel Lamp Cords

Coleman Cable Plastic covered cords for lamps and for any projects drawing normal current.

No. 18 ga., .11 x .20 OD, 250'.
Stk. **983128** Mfg. 60000-66-07 brown \$ **88.60**
Stk. **983129** Mfg. 60000-66-01 white **88.60**
Stk. **983130** Mfg. 60000-66-08 black **88.60**
Stk. **983133** Mfg. 60000-66-18 clear **88.60**



Heavy-duty Wire Cords

Coleman Cable Flexible, tough-jacketed cord with-stands -50°C to 105°C temperatures. Seoprene offers excellent abrasion, ozone, sunlight, chemical and oil resistance, water and mold resistant, nonwicking lightweight polypropylene fillers. Water resistant with high dielectric insulation.

Special uses requiring flexibility and mechanical toughness, high environmental resistance and flame retardant. Push-button remote controls. Motor control, stage equipment and lighting. Industrial control and robotic systems. Outdoor appliances. Water submersion approved.

3-wire SJ, 250'.
Stk. **958270** Mfg. 23325-04-08. 18 ga. \$ **150.00**
Stk. **958203** Mfg. 23326-04-08. 16 ga. **185.00**



Speaker Wire

Audiovox

Stk. **942939** Mfg. AH100N. clear 24 ga., 100' \$ **5.88**
Stk. **943205** Mfg. AH1850N. polarized 18/2, 50' **8.15**



Hook-Up Wire

Elenco Solid Copper Wire For general wiring that is not subject to repeated flexing, and for solderless breadboards. Insulation rated to 300V. Maximum recommended current 7A. 22 ga., 25' L.

Stk. **390275** Mfg. 884410. black \$ **3.15**
Stk. **390276** Mfg. 884420. red **3.15**
Stk. **390277** Mfg. 884440. yellow **3.15**
Stk. **390278** Mfg. 884450. green **3.15**
Stk. **390279** Mfg. 884490. white **3.15**



Elenco Stranded Copper Wire For general wiring that may be subject to repeated vibration or flexing. Insulation rated to 300V. Maximum recommended current 3.5A. 24 ga., 25' L.

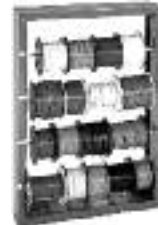
Stk. **390280** Mfg. 885210. black \$ **3.68**
Stk. **390281** Mfg. 885220. red **3.68**
Stk. **390282** Mfg. 885240. yellow **3.68**
Stk. **390283** Mfg. 885250. green **3.68**
Stk. **390284** Mfg. 885290. white **3.68**

Cords, Wires & Holders, cont.

Primary Wire

Coleman Cable General purpose wiring for autos, boats, trucks, buses, tractors, trailers and other motor-driven equipment. Black. 100' spool.

Stk. **983160** Mfg. 16-100-11. 16 ga. \$ **18.40**
Stk. **983161** Mfg. 18-100-11. 18 ga. **14.00**



Wire Spool Racks

Durham Prime cold-rolled steel rack with rust and acid-resistant gray baked enamel finish. Included plated 5/8" dia. rod(s) store and dispense wire.

Overall size 26-1/8"W x 6"D.

Stk.	Mfg.	Rods	Height	Special Features	Price
345018	383-95	1	10-3/8"	carrying handle.	\$ 82.30
345019	384-95	2	17-7/8"	for countertop use.	88.00
345013	368-95	4	37-1/8"	for spools to 10" dia.	97.00

Romex Cable Supplies

Romex Cable

Features copper ground. 250' roll.

Stk. **958000** Mfg. 12-2 W/G. \$ **185.00**
Stk. **958001** Mfg. 12-3 W/G. **290.00**
Stk. **958064** Mfg. 14-2 W/G. **124.00**
Stk. **958135** Mfg. 14-3 W/G. **195.00**

Romex Metal Cable Staples

For 2 conductor nonmetallic wire. 100/bx.

Stk. **942822** Mfg. MS-150. 1/2" x 1" \$ **2.60**
Stk. **942824** Mfg. MS-175. 9/16" x 1-1/4" **2.80**



Insulated Staples

Gardner Bender 3/16" insulated metal wire staple for parallel wire. Sharp pointed. Brown.

Stk. **942911** Mfg. MSB-1540. 40/box \$ **1.52**



Rubber Connector

Pass & Seymour Specification Grade Three-wire grounding type has cord clamp. Adapts to .25" to .60" dia. cord. UL listed.

Stk. **375804** Mfg. 114-GMC. \$ **6.93**



Plug Adapter

Pass & Seymour Grounding adapter converts outlet to 3-wire grounding outlet. Adapter has a rigid grounding lug.

Stk. **376072** Mfg. 210G. \$ **.68**



Flat Steel Fish Tapes

Klein Fish Tape in an easy-to-use winder reel keeps flat spring-steel tape in its place and under control. Easy grip design lets you turn reel in either direction for 1-hand feed or take up while other hand directs tape or brings it back in tight. Lightweight, shatterproof with 4 view ports to let you gauge amount of tape remaining.

Stk.	Mfg.	Length & Size	Reel Dia.	Price
945318	50206	50' x 1/8" x .060"	8-1/2"	\$ 49.70
945320	50211	100' x 1/8" x .060"	12"	75.00



Plugs



Dead Front Cap Male Plug w/Ground

Pass & Seymour Heavy-duty 2 pole, 3 wire plug with chemical resistant rubber construction. 15 amps @ 125V. NEMA 5-15P.

Stk. **377570** Mfg. I11GMCCC10 black \$ **3.66**



Straight Blade Plugs

Pass & Seymour Easy-to-install nonpolarized plug with finger-grip grooves. Insulation piercing terminals eliminate the need for tools. For cord size 18-2 SPT1. 10 amps @ 125V.

Stk. **377648** Mfg. 2601BPCC10 brown \$ **1.63**

Stk. **377649** Mfg. 2601WBPC10 white **1.63**



Flat Handle Straight Blade Plugs

Pass & Seymour Thermoplastic flat nonpolarized 2 pole, 2 wire plug. 15 amps @ 125V. NEMA 1-15P.

Stk. **377590** Mfg. 48643BPCC10 brown \$ **2.43**

Stk. **377593** Mfg. 48643WBPC10 white **2.43**

6-Outlet Surge Protectors

Coleman Cable Automatic 3-line shutdown protection and EMI/RFI noise filtration. Indicator light. 6 grounded outlets with cover sliders. UL listed.

UL 330 clamping protection. 15 amps @ 125 VAC.

Stk. **983187** Mfg. 04612 \$ **11.70**



Coleman Cable Protect electronics from electric surges. EMI/RFI noise protection and auto shut-down protection for L-N, L-G, N-G lines. UL listed. 4', 14 ga. cord.

15 amps @ 125 VAC.

Stk. **983135** Mfg. 04610 \$ **13.50**



Woods Durable metal housing with 6 grounded outlets, circuit breaker and wall hanging brackets. 4' 14/3 heavy-duty cord. Lighted on/off switch. UL listed. Ivory.

15 amps @ 125V.

Stk. **983131** Mfg. 0799 \$ **22.40**



Lamp Sockets & Supplies

Sockets

Turn Knob Sockets

Pass & Seymour 2-Circuit Socket (3 Way) For 2-filament lamp with low, medium, high, off sequence. Brass-dipped aluminum. Large-head screws fasten easily.

Stk. **376876** Mfg. 7090PG 250 watts, 250V \$ **4.33**



Pass & Seymour 1-Circuit Socket Made of brass-dipped aluminum. On/off sequence. Large-head screws for easy fastening.

Stk. **376870** Mfg. 7070PG 250 watts, 250V \$ **4.14**

Push-through Knob Socket

Pass & Seymour Insulated stem is brass-dipped aluminum. Large-head screws make wire fastening easy.

Stk. **377008** Mfg. 6098PG 660 watts, 250V \$ **3.64**



Lamp Sockets & Supplies, cont.

Sockets, cont.

Pull Chain Socket

Pass & Seymour Set screw prevents rotation of socket. Caps threaded .125"-27 IPS Pendant caps accommodate .375" dia. cords. Made of brass-dipped aluminum.

Stk. **377100** Mfg. 19980PG 660 watts, 250V \$ **5.02**



Adjustable Keyless Candelabra Socket

Primex Adjusts from 3" to 4-1/2"H. UL listed.

Stk. **681970** Mfg. 1293 75 watts, 125V \$ **2.25**

Bead Chain

Jandorf Brass-plated steel beaded chain. #6 BPS.

Stk. **942948** Mfg. 88430 100' spool \$ **23.90**



Lamp Parts



Make-A-Lamp Kit

Primex Kit has everything needed to build a lamp, except the bulb.

Includes 10" harp, 8' white cord, 3-way push-through socket, 1" finial, 1-1/2" nipple, spacer, 2 washers & hardware.

Stk. **681981** Mfg. 6331 \$ **10.40**

Harps

Primex Heavy-duty detachable harps, brass-plated and lacquered. 2-piece swivel top.

Includes saddle.

Stk. **681950** Mfg. 0063 8" \$ **1.75**

Stk. **681951** Mfg. 0064 9" **1.75**



Running Thread

Primex 1/8" IPS all thread. Steel.

Stk. **681960** Mfg. 0074 3'L \$ **2.25**

Finial

Westinghouse Brass knob with 1/4-27 thread. 2/pkg.

Stk. **942635** Mfg. 70131 1-1/4"L \$ **2.99**



681935

681937



Locknuts

Primex Tapped 1/8" IPS thread. 50/pkg.

Stk. **681935** Mfg. 0024 hex head steel \$ **3.13**

Stk. **681937** Mfg. 0026 3/4"D knurled brass **13.00**

Pipe Nipples

Primex Use for fitting sockets into lamp columns. 1/8" IPS all-thread x 3/4". 50/pkg.

Stk. **681945** Mfg. 0032 zinc-plated steel \$ **3.75**

Duplex & Switch Wall Plates

Pass & Seymour Nonflammable. Individually wrapped with screws.

Stk.	Mfg.	Style	Color	Price
377640	SP8U	duplex	brown	\$.45
377641	SP8IU	duplex	ivory	\$.50
377646	SPIU	switch	brown	\$.48
377647	SPIIU	switch	ivory	.48

duplex

switch



Receptacles

Duplex Straight Blade Receptacles

Pass & Seymour Two-pole, 3-wire grounding receptacles constructed of high-impact resistant thermoplastic. Ultrasonic welding of face to back body. Side wire accepts AWG solid #12 - #14 only. Extra-large circuit break-off tabs.

- Speed wire accepts #14 solid only
- UL listed
- Quickloop wire looping aid
- Long-term blade retention
- Combination head screws
- Side-access speed wire release

15 amps @ 125VAC. NEMA WD-1. 5-15R.

Body less than 1"D, less than 1-1/2"W.

Standard-grade general-duty receptacle, 2P3W grounding.

Stk. **375864** Mfg. 3232TU brown \$.95
Stk. **375866** Mfg. 3232ITU ivory .88



Electrical Boxes & Covers



Raco Boxes.

Steel, deep-bracket switch & receptacle boxes with 1/2" knockouts. UL listed.

Stk.	Mfg.	Box Description	Size	Knockouts	Price
942925	8504	switch (gangable)	3" x 2-1/2"	6.....	\$ 3.37
942923	193	receptacle, square	4" x 1-1/2"	15.....	\$ 4.32
943259	153	receptacle, octagon*	4" x 1-1/2"	7.....	4.95
943260	8125	receptacle, octagon**	4" x 1-1/2"	9.....	2.01

*With MC/BX cable clamps for MC/Armored Cable/MCI-A Flex Cable wiring. ** For Conduit wiring.



Raco Covers. Steel switch & receptacle covers. UL listed.

Stk.	Mfg.	Cover Description & Switch, Receptacle Use	Size	Price
943256	729	switch, octagon (flat/toggle)	4".....	\$ 1.85
943255	800C	switch, sq./raised* (toggle)	4".....	2.42
942926	731	receptacle, octagon (duplex)	4".....	\$ 2.20
943257	902C	receptacle, sq./raised* (duplex)	4".....	2.12
943258	8752	receptacle, sq./flat (blank)	4".....	1.19

* 1/2" exposed rise cover (w/flat corners) for surface-mount applications.

Switches

General-duty Quiet Switches

Pass & Seymour High-impact resistant Thermoplastic toggle and frame. Tri-drive ground, terminal and mounting screws.

- Easy-access green hex head ground screw
- Extra long strap
- Speed wire #14 AWG
- UL & CSA listed
- Side wire #12 & #14 AWG
- Release slots provided
- Smooth, quiet toggle action

15 amps @ 120V. Size 1.25"W x 4.195"H x 1.090"D.

Stk. **377530** Mfg. 660GUCC18 single-pole toggle, brown \$ 1.20
Stk. **377532** Mfg. 660IGU single-pole toggle, ivory 1.20
Stk. **377540** Mfg. 663GTU 3-way toggle, brown \$ 2.73
Stk. **377542** Mfg. 663IGTU 3-way toggle, ivory 2.73
Stk. **377575** Mfg. 664GCC 4-way toggle, brown \$ 16.10
Stk. **377576** Mfg. 664IGCC 4-way toggle, ivory 16.10



Dimmer Switch

Lutron Push on/off rotary dimmer has full range dimming and 600W, 120V, single pole capacity. UL listed.

Includes white & ivory knobs.

Stk. **942927** Mfg. D-600PH-DK \$ 7.35

shown w/wall (switch) plate,
sold separately



Switches, cont.

Toggle Switches

416730

Gardner Bender On/off single-throw switch for industrial equipment or emergency lighting. Screw terminals.

10 amps @ 277VAC. 20 amps @ 125VAC.

1-1/2 HP, 125-250VAC.

Stk. **416730** Mfg. GSW-10 single-pole \$ 5.30
Stk. **416731** Mfg. GSW-14 double-pole 5.55



Electrical Tape

Electrician's Plastic Tape

Gardner Bender Top grade flame retardant electrical tape. Resistant to cold weather, abrasion, moisture, alkalis and acids.

Stk.	Mfg.	Size	Price
590380	GTP-607	3/4" x 60'	\$ 1.25



Vinyl Electrical Tape

Gardner Bender Assorted 7 mil. vinyl tape for marking wires and circuits. 5 pack includes red, orange, blue, green and white.

Stk.	Mfg.	Size	Price
942937	GTPC-550	1/2" x 20'	\$ 3.69



Liquid Electrical Tape

Gardner Bender Liquid coating for insulating and protecting electrical splices and connections. Waterproof tape won't unravel or deteriorate. For indoor/outdoor use. Brush-on applicator.

Stk.	Mfg.	Size	Coating Color	Price
416650	LTB-400	4 oz. bottle	black.....	\$ 9.18
416651	LTR-400	4 oz. bottle	red.....	9.18



Friction Tape

3M Electrical insulating tape. Non-coated, non-waterproof.

Stk.	Mfg.	Size	Price
590290	1755	3/4" x 60'	\$ 7.18



Batteries

Energizer Rechargeable Ni-Mh Batteries

Stk.	Mfg.	Type	Qty./Pkg.	Price
942713	NH22NBP	9V	1 ...	\$ 15.50
942709	NH35BP-2	C	2 ...	15.50
942711	NH50BP-2	D	2 ...	15.50
942719	NH12BP-2	AAA	2 ...	10.70
942717	NH15BP-2	AA	2 ...	10.70
942715	NH15BP-4	AA	4 ...	18.70



Duracell, Energizer & Eveready Batteries

Stk.	Mfg.	Type	Qty./Pkg.	Price
687722	6V	6V carbon zinc	1	\$ 6.09
687755	6V	6V alkaline	1	\$ 21.60
687715	9V	9V alkaline	1	6.36
687731	C	C alkaline	4	11.10
687745	D	D alkaline	4	11.10
687720	AA	AA alkaline	4	5.85
687734	AAA	AAA alkaline	4	5.85
687748	3V	photo Li-ion	1	\$ 8.29
687754	6V	photo Li-ion	1	16.30
943197	L91BP-2	AA Li-ion	2	\$ 7.18
943198	L92BP-2	AAA Li-ion	2	7.18

Battery Charger & Testers

Universal Battery Charger

Energizer Charges Ni-Mh AAA, AA, C, D &/or 9V batteries in 2-6 hrs. Features built-in safety timer to avoid overcharging batteries, trickle charge technology to keep batteries at full capacity, LCD charge-status indicator and auto-adjusting contacts. Energy Star rated. Includes AC adapter.
Stk. **943265** Mfg. CHFC. \$ **44.50**



Battery Testers

Gardner Bender Analog meter with a 9-position rotary selector switch. 1-yr. mfg.'s warranty. Tests AA, AAA, C, D, N, 9V, 1.5V button cells, 1.25V Ni-Cd rechargeable, 3V Li-ion, 22.5V photo & lantern cells, 6V lantern cell, 12V & 5V photo cells. Includes test leads & instructions.
Stk. **416600** Mfg. GBT-500A. \$ **11.90**



Gardner Bender Analog meter with low/good indicator. Moveable contact arm fits various battery sizes. 1-yr. mfg.'s warranty. Tests AA, AAA, C, D, 9V & 1.5V button cells. Includes instructions.
Stk. **416602** Mfg. GBT-3502. \$ **9.58**



Power Supplies



Ideal Bench Top Unit Battery Eliminator

Elenco This power supply unit substitutes for a wide variety of batteries including AA, AAA, C, D and 9V.

Convenient rotary switch to select voltage. Advanced, solid-state electronics provide both LINE and LOAD regulation of the output voltage. Voltage selector switch is designed so that output voltage does not increase during adjustment between voltage ranges. Fuse in series with output of power supply provides short-circuit protection.

• Input 120VAC • Output current 1 amp max. • Accuracy +5%
• Output voltage 1.5, 2.2, 3, 4.5, 5, 6, 7.2, 9, 10, 13.8, 15 volts DC
Stk. **390479** Mfg. XP-100. \$ **71.40**



Variable Power Supply Kit

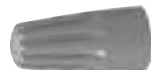
Graymark Comprehensive beginner's kit with Zener diode regulation, full-wave rectification and transistorized voltage control. Continuously variable output from 0 to

15VDC at 300mA. Ideal for powering low-voltage devices. Manual covers voltage regulators, ripple calculations bias and more.

• Transistorized • Overload-protected • 0-15VDC output • 300mA • AC operated
Stk. **431825** Mfg. 803. \$ **30.00**

Wire Nuts

Gardner Bender For copper wire only. Nuts are polypropylene, square spring.



Stk.	Mfg.	Size (color)	Qty./Box	Wire Gauge	Price
943030	10-003	small (orange)	100	22-14	\$ 6.58
943031	10-004	medium (yellow)	100	18-12	8.52
943032	10-006	large (red)	100	18-10	11.40

Insulated Solderless Terminal Kits

Gardner Bender Large selection of popular reusable terminals and connectors. 22-10 AWG.

Includes WireGard™ connectors, female disconnects, ring & spade terminals, butt & tap splices, plus case.
Stk. **416829** Mfg. TK-100. 80/kit \$ **13.10**



Gardner Bender Large selection of reusable terminals and connectors for general use.

Includes stud ring & spade terminals, butt terminals, male & female disconnects.
Stk. **416830** Mfg. TK-175. 175/kit \$ **26.20**



Gardner Bender Fifteen insulated terminal styles and a multi-use stripper/crimper contained in a convenient re-closable case.

Stk. **416800** Mfg. GK-15N. 100/kit \$ **22.50**

Heat Shrink Tubing

Gardner Bender Insulate and seal electrical splices with this moisture and chemical resistant tubing. Use above or below ground. 6"L.

Includes four 1/8", two 3/16" & two 1/4".
Stk. **942900** Mfg. HST-AST. 8/pkg. \$ **2.28**



Prevent Tripping Hazards & Equipment Pull-down

Fasteners

Nylon Cable Ties

Gardner Bender Self-locking nylon ties for bundling wire, cables, harnesses and more. 0.17"W. Black ties are UV resistant.



Stk.	Mfg.	Length	Tensile Strength	Dia.	Color	Qty./Pkg.	Price
942906	46-308	8"	75 lbs.	2-3/16"	white	100 ...	\$ 5.35
942910	46-308M	8"	75 lbs.	2-3/16"	white	1,000..	46.00
942908	46-310UVB	10-3/4"	50 lbs.	3"	black	100 ...	14.20

Fastener Barn Cable Tie Assortment.

Includes 10 adhesive mounts (3/4" x 3/4"), 10 screw mounts (3/4" x 1/2") & 135 cable ties:

50 4"L, 18 lb. t.s.*	35 5-1/2"L, 30 lbb. t.s.*
25 7"L, 50 lb. t.s.*	15 8"L, 30 lb. t.s.*
10 11"L, 50 lb. t.s.*	* tensile strength

Stk. **485509** Mfg. CT99. 155/pkg. \$ **42.30**



Gardner Bender Cable Tie Tensioning Tool.

Tightens & cuts cable ties w/a quick twist. For ties up to 75 lb. tensile strength.

Stk. **416716** Mfg. CTT-45. \$ **10.70**



Velcro

Velcro Great for indoor and outdoor projects requiring a superior-strength or waterproof fastener. Black industrial-strength strips for strong closures.



Includes pkg. w/built-in dispenser.

Stk.	Mfg.	Size	Description	Qty./Pkg.	Price
942810	90199	2"W x 4'L	strips	2.....	\$ 4.03
942812	90197	2"W x 15'L	roll	1.....	37.80

Power Safety Controls



2 Great Models Provide Student Safety Easy Off™ Power Control

ReiTech Big easy-to-see shut-off control mounts right to your equipment. It provides a safer, easier way to control table saws, shapers and most types of equipment. It's simple, convenient and may save students from serious injury. Can be locked to prevent unauthorized use.

- 100x larger than conventional push-button controls
- Easy to install w/universal mounting bracket (sold separately)
- UL listed • Hands-free shut-off • 5-yr. mfg.'s warranty

Requires mounting bracket, not included. Call us for assistance.

Stk. Mfg. For Machines Requiring: Price

EZO-PP. For machines that plug into standard 15 amp, 120VAC outlet & require power outage protection, but are w/out magnetic controls.

687920 EZO-PP 120V, 1-phase **\$ 378.00**

EZO-MS. Pilot device for machines w/magnetic starters up to 600VAC.

687900 EZO-MS 120V, 1-phase & 208-460V, 3-phase..... **\$ 195.00**



485650

485651

485652 & 485653

Prevent Equipment from Restarting After a Power Interruption Restart Safety Plugs

JDS Products The easy-to-install, inexpensive solution to anti-automatic restart safety, without the high cost of magnetic motor starters. The Sensing-Saf-Start® Plug prevents equipment restart following a power interruption, and will not allow a reset until the equipment switch has been turned off.

- Complies w/latest OSHA & NFPA safety standards
- Offers electrical disconnect compliance by unplugging
- Plugs into machine power cord & plug (Model 1996)
- Replaces old, frayed, ungrounded power cords (Models 1997, 98, 99)
- Upgrades small machines to meet latest safety requirements

Installs in minutes on:

drill presses	belt/disc sanders	band & scroll saws
tool grinders	radial arm saws	small milling machines
power hacksaws	cut-off machines	table saw
		small lathes

Model 1996. For 120V machines w/a good power cord & plug (when cord is not frayed & plug has a ground pin). Includes short extension-cord style, 14" cord on male plug end, 12" cord on female receptacle end.

Stk.	Mfg.	Volts	Amps	Price
485650	1996	120	15	\$ 91.80

Model 1997. For all 120V machines w/an old cord &/or you want the reset button closer to the machine for easy access, but still plugged into a duplex-type outlet. Plug is on the end of the 8' cord. Includes 20" cord on equip. switch end, 8' cord w/molded plug on power end.

Stk.	Mfg.	Volts	Amps	Price
485651	1997	120	15	\$ 91.80

Models 1998 & 1999

Model 1998. For 120V machines w/an old cord &/or you want to connect to a disconnect box, or install either a 20 amp or twisting lock-type plug on the cord. Sensing-Saf-Start housing is located close to the machine w/out a plug on the end of the 8' cord.

Includes 20" cord on equip. switch end, 8' cord on power end (no plug).

Model 1999. For 200-240V machines (3-wire). You must install any matching plugs on the power cord.

Includes 20" cord on equip. switch end, 8' cord on power end (no plug).

Stk.	Mfg.	Volts	Amps	Price
485652	1998	120	18	\$ 91.80
485653	1999	200-240	15	91.80



Controls Dust Collection Automatically iVac Switch Box

MBright iVac (Intelligent Vacuum) increases work shop cleanliness and safety by eliminating the distraction of turning dust collection system (DCS) on and off while operating potentially dangerous power tools.

Easy-to-use unit features a 3-position switch (auto, on & off).

- Auto Mode starts DCS system when power tool is activated
- On Mode keeps DCS on for easy end-of-job cleanup
- Off Mode causes DCS to be off
- Turn on delay (0.5 to 2.0 sec.) avoids dual power surges from DCS & power tools being activated simultaneously
- Turn off delay (6 sec.) clears any remaining airborne debris
- 2 input power cords accommodate situations when large tools & DCS require more than the standard 15 amp AC outlet (each cord has built-in circuit breaker protection)
- Extends DCS life since it isn't inadvertently left on when not needed
- Compact, lightweight unit is easily wall mounted

ETL Safety Approval. Conforms to UL STD 244A & CSA STDC22.2 No. 14.

Stk. **529500** Mfg. IVACSWITCH..... **\$ 47.00**

Electronics & Electrical DVDs

Helpful for Those Responsible for Electrical Maintenance

Electrical Troubleshooting

Meridian Students learn a reliable, systematic approach to uncovering and fixing electrical problems. They'll become familiar with common problems found in resistors, capacitors, relays, circuit breakers, motors and other electrical components.

Stk. **534346** Mfg. 35401-DVD..... 21 min. **\$ 89.10**

Aids in Teaching Proper Safety Procedures

Electrical Safety

Shopware Students learn electricity-related safety procedures and how to protect electrical instruments and solid-state devices. An excellent overview for those who work with electricity and a useful general safety video for anyone else studying electricity. Correlates to National CTE Organizational Standards & Perkins Act. Viewable/printable online instructor's guide.

Stk. **534382** Mfg. 42035..... 23 min. **\$ 99.00**

Shopware Electrical Components

Part 1: Resistors, Batteries & Switches. Students learn how the basic components of fixed, variable and ballast resistors, batteries and various switches work together. Informative DVD offers demonstrations through computer animation, component cutaways and lab experiments. Strengthens curriculum when teaching electricity-electronics, technology, auto mechanics, etc.

Stk. **794511** Mfg. 35395-DVD..... 22 min. **\$ 89.10**

Part 2: Capacitors, Fuses, Flashers & Coils. A detailed training DVD using video, computer animation, component cutaways and lab experiments to demonstrate how the basic components of capacitors, fuses, fuse links, circuit breakers, flashers, coils and other devices are constructed and operate. A must-see DVD for all students of electricity/electronics, technology courses, auto mechanics, and many other subject areas that involve electricity and electronics.

Stk. **794531** Mfg. 35396-DVD..... 14 min. **\$ 89.10**

Part 3: Transformers, Relays & Motors. A detailed training DVD using video, computer animation, component cutaways and lab experiments. Demonstrates how basic components of transformers, relays, and motors are constructed and operate. An essential training program for students of electricity-electronics, technology courses, auto mechanics and other studies involving electricity and electronics.

Stk. **794533** Mfg. 35397-DVD..... 15 min. **\$ 89.10**

Instructional DVDs, Videos & Software are nonreturnable.



Electronics & Electrical DVDs, cont.

Construction, Renovation & Rehabbing
Today's Electrician Must Know it All!

Residential Wiring

Shopware Eight-part series walks students through all the major processes they'll need to succeed in today's housing market. *Correlates to the National Center for Construction Education & Research.* Featured videos are: Wiring Methods, Grounding, GFCIs & AFCIs, Receptacles & Switches, Wiring Light Fixtures, Wiring for Appliances, The Service Entrance, plus Panelboards. Each session has Teacher's guide.
Stk. **794697** Mfg. 32070 set of 8, 16-21 min. (ea.) **\$ 792.00**



Instructional DVDs, Videos & Software are nonreturnable.

Quick, Temporary Electronic & Electrical Connectors

Alligator Clips

Gardner Bender For testing, trouble-shooting, charging batteries, making prototype models, repairing damaged circuits and more. Plated steel clips with spring-loaded jaws for a secure grip. Wire leads may be soldered, crimped or wound around screw post.

5 amp rating. 2"L. Screw-type connection.

Stk.	Mfg.	Amps	Type	Qty./Pkg.	Price
416570	14-076	5	non-insulated	4	\$ 2.21
416571	14-077	3	insulated (1 red, 1 black)	2	1.73



Nut Drivers

Pro Nut Drivers

Great Neck High-quality transparent handle with black fluting. Semi-hollow chrome-plated shaft. Heat-treated hardened steel.

Stk.	Mfg.	Size	Color	Price
281192	ND3C	3/16"	black	\$ 4.20
281193	ND5C	1/4"	red	4.20
281194	ND7C	5/16"	amber	4.20
281195	ND8C	11/32"	green	4.41
281196	ND9C	3/8"	blue	4.73
281197	ND10C	7/16"	brown	5.15
281198	ND11C	1/2"	red	5.25



Great Neck Professional SAE set with color-coded handles and plated, rust-resistant shafts.

Includes 3/16", 1/4", 5/16", 11/32", 3/8", 7/16", 1/2".

Stk. **281191** Mfg. ND72 7-piece set (hollow shaft) **\$ 16.70**



Xcelite Each set includes a case. **308811**

Includes 3/16", 7/32", 1/4", 9/32", 5/16", 11/32" & 3/8".

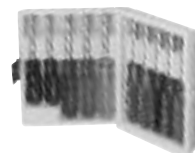
Stk. **310758** Mfg. 127TB ... 7-pc. set (solid shaft) **\$ 56.70**

Includes 1/4", 9/32", 5/16", 11/32", 3/8", 7/16" & 1/2".

Stk. **310768** Mfg. 147TB.. 7-pc. set (hollow shaft) **\$ 71.40**

Includes 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2" & 9/16".

Stk. **308811** Mfg. HS618 10-piece set (hollow shaft) **\$ 105.00**



CHAN-NEL-LOCK

High-torque, 3-sided Code Blue® grips. Go-thru steel blade is attached to the steel cap on the back of handle.

Includes 11/32", 1/2", 1/4", 3/16", 3/8", 5/16" & 7/16".

Stk. **301360** Mfg. ND-7CB 7-piece set (hollow shaft) **\$ 53.60**

Includes 5, 6, 7, 8, 9, 10 & 11 mm.

Stk. **301361** Mfg. MD-7CB 7-piece metric set (hollow shaft) **\$ 53.60**



Conduit-Fitting & Reaming Screwdriver

Klein Rugged hooded-blade design keeps tip from slipping out of screws, especially when tightening hard-to-reach conduit fittings. Reams and smooths 1/2" (13mm), 3/4" (19mm) and 1" (25mm) thin-wall conduit ends to protect wire and permit correct installation of fittings.

Reams the inside and outside of the conduit at the same time. Longer cushion-grip handle provides comfort and greater torque. 1/16" Hex socket set screw secures replaceable reaming blade.

Stk.	Mfg.	Shank Tip Width	Shank Length	Overall Length	Price
945580	85191	3/8"	2-1/2"	7-1/2"	\$ 38.50



Conduit Benders

Rigid High-strength cast iron. Bending grooves conform to standard code radii. Marks indicate 30°, 45°, 60° and 90° bends. *Handle not included.*

Stk.	Mfg.	For Bending Conduit Sz.:		To Inside Radius Sz.	Price
		Thin Wall	Heavy Wall		
692720	35215	1/2"	—	4"	\$ 48.60
692722	35220	3/4"	1/2"	5"	77.10
692724	35225	1"	3/4"	6-1/2"	119.00



Testing Equipment

2-Channel Oscilloscope

Elenco Unit features dual or single trace operation. Calibrated 20-step time base with x10 magnifier.

- X-Y operation
- Accelerating voltage 2kV
- Auto/norm triggered sweep operation (AC, DC, TV-H, TV-V & line coupling)

Vertical Amplifiers (Ch 1 & Ch 2)

Bandwidth: 30 MHz, rise time 14 ns.
Sensitivity: 5mV/div - 5V/div (x1 mode).
1mV/div - 1V/div (6MHz, -3dB), (x5 mode).

Attenuator: 1-2-5 sequence, 10-step attenuator plus vernier control.
Input Impedance: 1MΩ ±2%, 25pF ±10pF.

Horizontal Amplifier

X-Y Mode: switch selectable w/X-Y switch (Ch 1: X axis, Ch 2: Y axis).
Accuracy: Y axis ±3%, X axis ±6%.

Includes 2 probes (x1 & x10) & dust cover.

Stk. **390393** Mfg. S-1325 **\$ 563.00**



Digital AC Clamp Meter

Elenco Designed according to IEC-1010-2-032 safety requirement for hand-held current clamps.

- 3-1/2 digit LCD display
- Reads up to 1000A
- Audible continuity
- Data hold
- Insulation test

AC voltage 200V to 750V (accrpy. ±1.0% to ±1.2%), (resol. 0.1V).

AC current 20A, 200A, 1000A (accrpy. ±4.0%, ±2.5%, ±3.0%), (resol. 100mA).

DC voltage 200mV, 2V, 20V, 200V & 1000V (accrpy. ±0.5% & ±0.8%), (resol. 0.1mV).

Resistance 200W to 20MW (accrpy. ±1.0%), (resol. 0.1W).

Insulation test 20MW ±2%, 2,000MW ±4% <500V, ±5% >500V.

Temperature 32°F-753°F & 754°F-1,382°F (reading ±1.0% & ±2.0%).

Includes 9V battery, test leads, hand strap, manual & case.

Stk. **390496** Mfg. ST-1012 **\$ 41.90**

Stk. **687715** Mfg. 9V Duracell 9V Battery **6.36**



Testing Equipment, cont.

Circuit Tester AC/DC

Gardner Bender Twin probe tester. Tests voltage from 80-250 VAC/DC, 360°. Visual output indicates the presence of voltage. UL listed.

Stk. **416607** Mfg. GET-3100..... \$ **4.96**



Solenoid Voltage Tester

Gardner Bender Tests AC/DC voltage from 120-480V and DC polarity. Dual voltage indicators are solenoid vibration and neon bulb. Probes lock together for 1-hand testing and storage.

- 4' reach from probe to probe w/probes unlocked
- Tests outlets, panels, light fixtures, switches, circuit breakers & extension cords
- Double insulated
- High-impact, dual-insulated case

ETL, CAT III (600V) listed.

Stk. **416740** Mfg. GVT-392..... \$ **27.40**



Analog 20,000 Ohms/Volt Multitester

Elenco

- 20,000 ohms/volt
- 3-1/2" meter
- Checks transistors/diodes
- Mirrored scale
- dBA scale
- 23 ranges
- Mirrored scale
- 10A DC reading
- Audible continuity
- Battery test



Includes test leads, 9V & 2 AA batteries, vinyl case & manual.

Stk. **390458** Mfg. M-1250..... \$ **33.50**

Stk. **687715** Mfg. 9V..... Duracell 9V Battery **6.36**

Stk. **687720** Mfg. AA..... Duracell AA Battery, 4/pkg. **5.85**

Analog Multimeters



Gardner Bender Tests AC/DC voltage, DC current, continuity, resistance and batteries.

- 19 ranges & 7 functions
- Audible continuity check
- Manual range selection
- Easy-read, color-coded analog displays
- ETL listed
- 1-yr. mfr.'s warranty
- Fuse overload protected

DC voltage 1,000V. AC voltage 1,000V.

DC current 500mA to 10A. Resistance 10MΩ.

Decibels -8dBA to +62dBA on ACV range. Battery check 1.5V, 9V.

Includes 2 AAA batteries, test leads, spare fuse & instructions.

Stk. **416608** Mfg. GMT-319..... \$ **33.90**

Stk. **687734** Mfg. AAA..... Duracell AAA Battery, 4/pkg. **5.85**

Gardner Bender Tests AC/DC voltage, DC current, resistance and decibels. Separate battery/fuse compartment.

- 12 ranges, 5 functions
- Impact resistant shell
- 1-yr. mfr.'s warranty
- Pocket-size
- UL listed

DC voltage 10 to 500V. AC voltage 10 to 500V.

DC current 0.5mA to 250mA. Resistance 1MΩ.

Decibels -20dBA to +56dBA on ACV ranges.

Includes AA battery, 2 test leads, fuse & manual.

Stk. **416620** Mfg. GMT-312..... \$ **13.70**

Stk. **687720** Mfg. AA..... Duracell AA Battery, 4/pkg. **5.85**



Digital Multimeters

Gardner Bender Manual, 3-function general purpose digital multimeter tests up to 500 VAC & 600 VDC. 11-position smooth rotary dial. 1-yr. mfr.'s warranty. UL listed.

- 3-1/2" digit display
- Low battery indicator
- On/off button
- 2,000 display count
- Secure-fit input jacks
- Drop-resistant housing

DC voltage 2,000mV to 600V± (1.2% +2 digits). Input impedance 10mΩ. AC voltage 200 to 500V± (2.5% +5 digits). Resistance 200Ω to 2,000kΩ±.

Includes two 26" test leads (replaceable), 9V battery & manual.

Stk. **416606** Mfg. GDT-311..... \$ **17.40**

Stk. **687715** Mfg. 9V..... Duracell 9V Battery **6.36**



General Provides electrical readings economically.

Single lead hotside identification with bright red LED.

- Continuity beeper w/red LED
- Distinguished hot & ground
- Ground disconnect check
- DC current
- AC & DC volts

DC voltage 2 to 1,000V (4 ranges). AC voltage 200V & 750V (2 ranges). DC current 200μA to 10A (5 ranges). Resistance: 200° to 2M° (5 ranges).

Includes 2 test leads & 9V battery.

Stk. **419894** Mfg. DMM830HS..... \$ **25.80**

Stk. **687715** Mfg. 9V..... Duracell 9V Battery **6.36**



Elenco

- 3-3/4 digit LCD 4,000 count display
- Audible continuity test
- Data hold/rel. value
- Frequency to 15 MHz
- Capacitance to 200μF
- Transistor/diode/logic test
- AC/DC current to 10A
- Auto power off

AC voltage 400mV to 750V (5 ranges). AC current 40μA to 10A (6 ranges). DC voltage 400mV to 1,000V (5 ranges). DC current 40μA to 10A (6 ranges). Resistance 400Ω to 400MΩ (7 ranges). Capacitance 4nF to 200μF (6 ranges).

Includes heavy-duty test leads, 9V battery, holster & manual.

Stk. **390353** Mfg. M-2795..... \$ **73.40**

Stk. **687715** Mfg. 9V..... Duracell 9V Battery **6.36**



- 3-3/4 digit LCD
- Frequency to 10 MHz
- Transistor/diode test
- Audible continuity test
- 3-way overload protection

AC/DC voltage 400mV to 600V. AC/DC current 400μA to 10A. Resistance 400Ω to 40MΩ. Capacitance 4nF to 200μF.

Includes holster, test leads, manual & 2 AAA batteries.

Stk. **390491** Mfg. M-1750..... \$ **41.90**

Stk. **687734** Mfg. 9V..... Duracell AAA Battery, 4/pkg. **5.85**

For movable storage of hand tools & parts ...

Mobile Bin Cart, page 74.

Find **Cord Reels & Work Lights** on pages 193-194.

Wire Stripping, Crimping & Cutting Tools

see pages 436-437.

Electrician's Starter Tool Set

Klein The tools needed to teach the skills of the trade.

Includes

- side-cutting pliers
- diagonal-cutting pliers
- long-nose pliers
- pump pliers
- adjustable wrench
- 2 keystone-tip screwdrivers
- 2 cabinet-tip screwdrivers
- wire-bending screwdriver
- square-recess tip screwdriver
- Rapi-Driv® screwdriver
- conduit-fitting & reaming screwdriver
- 7 nut drivers
- crimper/cutting tool
- protective eyewear
- power-return rule
- wire stripper/cutter
- canvas zipper bag
- torpedo level
- utility knife
- 16" canvas tool bag

Stk. **945550** Mfg. 80028 28-piece set **\$ 448.00**



Wire Stripping, Crimping & Cutting Tools, cont.

Dual Purpose Wire Tool

CHAN NEL LOCK Cuts copper wire only. Scissor-type blades are precision ground and heat-treated to hold their edge. Lean pliers nose pulls and loops wire ends. Precision wire stripping holes. Painted and embossed AWG and mm wire gauge sizes. Blue comfort grips. USA made. Strips wire ga. sizes 10, 12, 14, 16, 18 & 20 AWG (.80, 1.0, 1.3, 1.6, 2.0 & 2.6mm). Stk. **301560** Mfg. 958 6"L **\$ 15.00**



Locking Wire Stripper

Gardner Bender Strips solid or stranded wire. Precision stripping stations with laser-etched markings. Comfort high-leverage locking handles and power spring return reduce hand fatigue. Looping hole forms wire to fit on screw terminal. Strips AWG wire sizes 10-20. Stk. **416728** Mfg. GS-360 6"L **\$ 12.90**



Adjustable Wire Stripper/Cutter

Klein Lightweight, compact tool with convenient hole for looping or bending wire. Adjustable slide stop with set screw for repeat stripping work. Black-oxide finish with yellow plastic grips. Strips AWG solid & stranded wire sizes 12-26 (2.5 to 0.14mm²). Stk. **945117** Mfg. 1004 5"L **\$ 11.10**



Wire Stripping, Crimping & Cutting Tools

Multi-purpose Wiring Tool

CHAN NEL LOCK Strips wire without damage to conductor. Scissor-type blades are precision-ground and heat-treated to hold their edge. Cuts machine bolt sizes 4-40, 5-40, 6-32, 8-32, 10-32 and 10-24 without damaging threads. Crimps both insulated and non-insulated wire. Lean pliers nose loops wire ends. Blue comfort grips. USA made. Strips AWG wire sizes 10, 12, 14, 16, 18, 20 & 22. Stk. **301522** Mfg. 908 8-1/4"L **\$ 20.20**



Crimper

CHAN NEL LOCK Precision-forged high grade carbon tool steel. Crimps insulated and non-insulated solderless connections and terminals on 10 to 22 AWG wire. Specially hardened crimping nest. Cutters in nose are honed and hardened to retain clean-cutting edge. Slim nose permits crimping in small spaces. Channellock Blue® comfort grips. USA made. Crimps AWG wire sizes 10 to 22 (4.0 to .34mm²). Stk. **301523** Mfg. 909 9-3/4"L **\$ 26.20**



8" Crimping Pliers

Gardner Bender Crimp insulated or non-insulated terminals on 10 to 22 AWG wire. Cuts copper and aluminum wire. Tapered nose. Comfort grips. Crimps AWG wire sizes 10 to 22 (4.0 to .34mm²). Stk. **416719** Mfg. GS-388 8"L **\$ 10.80**



Multi-Tool Stripper/Crimper/Cutter

Irwin Induction hardened cutting edge stays sharp longer. Pliers-style nose allows pulling and looping in wire. Cuts bolts to size and leaves perfect-lead thread. Crimps insulated, non-insulated terminals. ProTouch™ comfort grips reduce hand fatigue. Meets or exceeds all ANSI standards. Strips/cuts AWG wire sizes 10-22. Stk. **619484** Mfg. 2078309 8-1/2"L **\$ 14.50**



Multi-Tool Stripper/Crimper/Cutter

Gardner Bender Pliers nose for pulling and looping wire. Curved cutting blade. Comfort high-leverage handles. Crimps insulated and non-insulated terminals and coaxial F connectors. Precision-ground stripping stations prevent nicking conductor. Cuts, rethreads bolt sizes 4-40, 5-40, 6-32, 8-32, 10-24 and 10-32. Strips/cuts AWG wire sizes 10-22. Stk. **416729** Mfg. GS-370 8-1/2"L **\$ 15.60**



Cut, Crimp, Strip & More with this 2 Wire-Cutters-in-1 Tool All-purpose Electrician's Tool

Klein Two wire cutters — 1 at tip, the other near the stripping holes double the use of this tool. It features left- and right-hand wire-looping holes near the tip, full-sized plastic-covered handles for comfort, easy-read markings and color-coded crimping dies for easy identification. Pivot nut adjusts tension.

- Crimps insulated & non-insulated terminals (including 7-8 mm ignition terminals), lugs & splices
- Cuts wire & bolts size 6-32, 8-32, 10-32, 10-24, 4-40

Strips AWG solid wire sizes 8-22 (6.0 to .34mm²) & AWG stranded wire 10-26 (4.0 to .14mm²). **Grips do not protect against electric shock.** Stk. **945115** Mfg. 1001 8-1/2"L **\$ 30.40**



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on pages 195-196.



Wire Stripping, Crimping & Cutting Tools, cont.

Dual NM Cable Stripper/Cutter

Klein Strips both 12/2 and 14/2 Romex® Cable in seconds. Cleanly shears 6-32 and 8-32 screws plus strips, cuts and loops 12 and 14 AWG solid wire.

- Precision shear-type blades for square, clean cuts on solid copper wire
- Spring-loaded action for self-opening
- Comfort cushion-grip handle

Strips AWG solid wire sizes 12 & 14 (2.5 to 1.5mm²).

Stk. **945150** Mfg. 1412..... 7-7/8" L \$ **30.10**



6-in-1 Stripper/Cutter

Klein Shears bolts clean, measures stud sizes, cuts and strips wire,

gauges wire sizes and crimps insulated terminals. Cuts bolt sizes 10-24, 10-32, 8-32, 6-32 and 4-40. Plastic covered handles for comfort.

Strips AWG wire sizes 10 to 22 (4.0 to .34mm²).

Stk. **945114** Mfg. 1000..... 7-1/2" L \$ **27.10**



Lightweight Strippers

Klein Gauges, cuts, strips and loops wire.

Spring-loaded, self-opening action. Easy-store and carry flat design. Narrow nose fits into tight places. Strips wire quickly, cleanly, evenly. Strong hardened steel with precision-ground stripping holes. Clear gauge markings on both sides. Black oxide finish. Plastic-dipped handles.

Strips AWG stranded wire sizes 16, 18, 20, 22, 24, 26 (1.0 to .14mm²).

Stk. **945315** Mfg. 11046..... 6" L \$ **17.30**

Strips AWG stranded wire sizes 10, 12, 14, 16, 18 (4.0 to .75mm²).

Stk. **945316** Mfg. 11045..... 6" L \$ **16.40**



Cable Cutters

CHAN-NEL-LOCK Maximum cutting power with minimum effort. Broad handles and closely-mated cutters for better leverage and extra comfort. Induction-hardened cutting edges are made from special grade carbon steel to permit clean, accurate cuts with minimum cable distortion. Blue plastic cushion grips.

Cuts up to 4/0 aluminum, up to 2/0 soft copper. Not for steel or ACSR.

Stk. **301525** Mfg. 911..... 9-1/2" L \$ **30.10**

Klein Special high-leverage design gives this cutter amazing cutting capability for its size. Ideal for working in confined spaces. Tough, red plastic-dipped handles.

Cuts up to 4/0 aluminum, up to 2/0 soft copper & 100-pair 24 ga. communication cable. Not for cutting steel or ACSR.

Stk. **945350** Mfg. 63050..... 9-1/2" L \$ **36.70**



Electrician's Knives

Gardner Bender Rip NM cable, strip wire and cut with 1 tool. Quick blade changes. Storage in handle.

Includes 3 replacement blades.

Stk. **416822** Mfg. RK-6..... 6" L \$ **12.70**



Electrician's Knives, cont.

Gardner Bender Two-in-one pocket knife has sharpened blade for skinning wire and screwdriver tip for screws. Tempered carbon-steel blades sharpen easily and hold their edge.

Stk. **416750** Mfg. KF-200..... 3-3/4" L \$ **12.70**



NM Cable Ripper

Gardner Bender Slits outer covering of Romex® cable (all sizes) and nonmetallic (type NM) sheathed cable. Gauge on handle checks and strips 6-14 AWG wire. Nickel-plated finish resists corrosion.

Stk. **416715** Mfg. CRC-100..... 4" L \$ **2.53**



Desoldering Bulb

Weller Bulb with TFE tip facilitates accurate printed circuit repair and cleaning. May be used with soldering iron.

Stk. **310100** Mfg. 7805..... \$ **15.20**



Soldering Guns



260/200 Watt Dual Heat Heavy-duty Gun

Weller Features instant heat, twin spotlight to illuminate work and long-reach, tin-plated copper soldering tip. Recommended for general purpose work.

Stk. **311221** Mfg. D550..... \$ **74.60**

Stk. **312293** Mfg. 7250W..... Replacement Tips, 2/pkg. **7.20**

140/100 Watt Dual Heat Gun

Weller User-friendly features include instant heating, a spotlight and fingertip on/off button. Tip is made of tin-plated copper.

Stk. **312561** Mfg. 8200..... \$ **56.70**

Stk. **312494** Mfg. 8125W..... Replacement Tips, 2/pkg. **7.20**



140/100 Watt Universal Kit

Weller Features a dial heat soldering gun.

Includes soldering tip, sealing tip, cutting tip, flux brush, soldering aid tool, coil of 40/60 rosin-core solder, case & soldering hints book.

120V, 50/60 Hz.

Stk. **312564** Mfg. 8200PK..... \$ **64.80**

260/200 Watt Heavy-duty Professional Kit

Weller Tin-plated heavy copper tip.

Includes sealing tip, cutting tip, flux brush, soldering aid tool, coil of 40/60 rosin-core solder, case & soldering hints book.

120V, 50/60 Hz.

Stk. **311224** Mfg. D550PK..... \$ **87.00**



We have access to **1,000's of Products** not listed here.

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Soldering Guns, cont.

Cuts, Scores, Smoothes, Shapes, Solders

Therma-Boost Heat Tool & Soldering Gun

Weller 27 watt continuous heat tool quickly turns into a high-performance 130 watt, 950°F soldering gun with the squeeze of the Therma-Boost trigger. It quickly heats to handle most soldering jobs with ease.

Runs for hours in standard mode, making it perfect for cutting rope, Styrofoam® and other craft materials, scoring hard substances like Plexiglas® and tile, and smoothing or shaping soft plastics and wax.

Includes 6 tips (conical, screwdriver, scoring, rope cutting, foam cutting, smoothing), stand & manual.

Stk. **309878** Mfg. TBI00PK. \$ **33.50**



Cordless 6 Watt / 4.5V Tool

Weller Battery-powered iron goes anywhere. Heats in 15 seconds for soldering microelectronics, hobbies, small appliances, repairing wiring and more. 120 solder joints per 3 AA battery use. Features auto shut-off cap, standby/power-off switch, on-button, power-on indicator light, optimal heat-transferring, long-life tip. 7-yr. mfg.'s warranty.

Includes nickel-plated copper tip, wrench, lead-free solder & shut-off cap. Requires 3 alkaline AA batteries, sold separately.

Stk. **311199** Mfg. BP645MP. \$ **22.10**

Stk. **687720** Mfg. AA Duracell Alkaline AA Batteries, 4/pkg. **5.85**



Soldering Irons

Standard

American Beauty Features standard-size irons w/long-life element. Paragon-quality tip.

Stk.	Mfg.	Watts	Tip Size	Tip Type	Price
197399	3125	60	1/4"	diamond pt.	\$ 90.30
197467	3138	100	3/8"	chisel pt.	134.00
197534	3158	200	5/8"	diamond pt.	179.00
197601	3178	300	7/8"	chisel pt.	229.00
197668	3198	550	1-1/8"	chisel pt.	298.00



Replacement Tips

Stk.	Mfg.	Usage	Tip Type	Price
196690	42D	for Mfg. 3125	diamond pt.	\$ 16.20
196680	43D	for Mfg. 3138	chisel pt.	17.40
196682	44D	for Mfg. 3158	diamond pt.	38.70
196684	45C	for Mfg. 3178	chisel pt.	71.10
196686	46C	for Mfg. 3198	chisel pt.	106.00

Little Dandy

American Beauty 25 watt iron with heat-deflecting baffle is designed for miniature work.

Includes screwdriver-style 1/8" dia. paragon tip.

Stk. **197333** Mfg. 3110. \$ **67.60**

Stk. **197280** Mfg. 618 Replacement Tip, 1/pkg. **14.90**



12 Watt Lightweight

Weller Pencil-thin iron has nickel-plated conical tip. For fine soldering and hobby work.

Stk. **307475** Mfg. SP12 7"L. \$ **21.20**

Stk. **309665** Mfg. MT70. Replacement Tip, 1/pkg. **6.60**



Soldering Irons, cont.

25 Watt Featherweight

Weller Iron has nickel-plated cone-shaped tip. Used for hobbies, kits, radios. Tip to 750°F.

Stk. **308139** Mfg. SP23L. 8-1/4"L. \$ **19.50**

Stk. **307000** Mfg. MT1 Replacement Tips, 2/pkg. **6.60**



40 Watt Lightweight

Weller Pencil iron has nickel-plated chisel-shaped tip for hobby & electronic work. Tip to 900°F.

Stk. **308585** Mfg. SP40L. 8-1/4"L. \$ **27.60**

Stk. **307190** Mfg. MT10W Replacement Tips, 2/pkg. **12.00**



80 Watt Medium-duty

Weller Pencil iron features nickel-plated tip for stained glass and minor repairs. Includes rest for iron. Tip to 950°F.

Stk. **309765** Mfg. SP80L. 9-3/4"L. \$ **42.20**

Stk. **308084** Mfg. MTG20 Replacement Tip, 1/pkg. **11.30**



120 Watt Heavy-duty

Weller Used for workshop repairs and stained glass. Includes rest for iron and long-life iron-plated chisel tip. Tip to 950°F.

Stk. **310698** Mfg. SPI20 11-3/8"L. \$ **74.60**

Stk. **308548** Mfg. MTG30 Replacement Tip, 1/pkg. **17.10**



175 Watt Extra Heavy-duty

Weller Ideal for demanding jobs such as sheet metal work. Includes rest for iron and long-life iron-plated chisel tip. Tip to 950°F.

Stk. **310792** Mfg. SPI175 12-1/2"L. \$ **93.00**

Stk. **308582** Mfg. MTG40 Replacement Tip, 1/pkg. **29.30**



Stainless Steel Barrel

Weller Ruggedly built, has long-life double-coated tips. Light blue handle with plug-in heating element.

Stk. **308154** WP25 120 25 ST3. \$ **60.20**

Stk. **308590** WP35 120 35 ST3. **75.00**



Replacement Tips. Top quality iron-plated tips w/anti-wetting chrome coating for 2 irons listed above. All tips are pre-tinned.

Stk.	Mfg.	Tip Size	Description	Price
307002	ST1	1/16"	screwdriver	\$ 5.24
307017	ST3	1/8"	screwdriver	5.40
307018	ST4	3/16"	screwdriver	5.40
307054	ST7	1/32"	conical	5.24

Featherweight Iron Kit

Weller Nickel-plated cone-shaped tip.

Includes 25 watt soldering iron & 3 different pre-tinned 1/8" dia. tips of nickel-plated copper, 40/60 rosin-core solder & soldering aid tool.

Stk. **308146** Mfg. SP23LK. \$ **27.60**



Soldering Stations



Just Right for Student Projects Electronic Station for Students

Elenco Station is electronically controlled from 5 to 40 watts.

- Iron holder funnel
- Sponge pad for cleaning tip
- Cushion grip handle
- Power on/off with indicator light
- Heavy duty iron w/long-life plated conical tip

Stk. **390378** Mfg. SL-5 \$ **47.30**
 Stk. **390382** Mfg. SR-2BT. Wedge Replacement Tip, 1/pkg. **4.73**
 Stk. **390383** Mfg. SR-2BT2. Conical Replacement Tip, 1/pkg. **4.73**

Electronic Station for Hobbyists

Weller Variable power control produces 5-40 watts. Uses ST series tips. UL listed.

- Safety guard iron holder
- Natural sponge tip cleaning pad
- Power on/off with indicator light
- Cushioned foam grip w/replaceable heating element
- 40 watt lightweight pencil iron w/ST3 iron-plated copper tip



Stk. **309876** Mfg. WLC100 \$ **75.00**



Industrial Electronic Station

American Beauty 1,000° F, 40 watt station features high-thermal capacity and controllability. Built to withstand rugged use in production maintenance and repair operations.

- Solid-state voltage regulator provides tight process control, long heating element life & excessive heat protection
- Ni-Chrome wound heat elements control soldering temp
- Paragon iron-clad, lead-free tips are long lasting & easy-to-clean

Includes three 3/16" dia tips (*chisel, diamond & conical*), detachable soldering iron holder & dross sponge tip cleaner.

Stk. **197300** Mfg. V36GM3. \$ **166.00**

Soldering Tools, Supplies & Accessories

Weller Tool Stand. Stand w/base, sponge & iron holder. For W60P, WP25P, WP40P & irons w/barrel dia. up to 15/32".

Stk. **309085** Mfg. PH60 \$ **37.40**



Elenco Solder Ease Kit. 3 scrapers & brush.
 Stk. **390294** Mfg. SE-1. \$ **4.10**

Elenco Solder Wick. Instantly removes solder.
 Stk. **390303** Mfg. SVW-3 5'L, 1/8" T wick \$ **1.58**



Weller Tip Polishing Bar. Cleans plastic resin, silicone grease & chemicals from soldering tips.
 Stk. **309872** Mfg. WPBI \$ **13.10**



Soldering Tools, Supplies & Accessories, cont.

Johnson Mfg. Sal Ammoniac Bars. For fast cleaning & tinning of soldering coppers.

Stk. **490335** 1/2 lb. bar \$ **6.74**
 Stk. **490402** 1 lb. bar **8.14**



American Beauty Fast Tip Cleaner. Cleans entire tip of a soldering iron or gun in 1 pass. 3/4"D water well keeps sponges wet all day.

Stk. **197201** Mfg. 480. \$ **16.80**
 Stk. **197268** Mfg. 480-S. Replacement Sponges, 4/pkg. **13.20**

Johnson Mfg. Soldering Paste. Noncorrosive.

Stk. **490203** 3 oz. \$ **3.15**
 Stk. **490268** 1 lb. **9.05**



Xcelite Seizer Forceps w/Serrated Jaws.

Clamps firmly onto wires for soldering. Acts as a heat sink & retrieves small parts from hard-to-reach places. Precision-machined, tempered stainless steel. Box-joint construction w/3-position snap lock. 5-1/2"L.

Stk. **308826** Mfg. 42HV straight nose \$ **11.40**
 Stk. **308827** Mfg. 43HV. curved nose **11.00**



Solder

Stk.	Mfg.	Tin	Lead	Size	Qty./Spool	Price
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Acid Core. For general purpose soldering such as repairing tools, radiators, automotive parts & sheet metal (*not for electrical applications*). Contains flux core w/a highly active cleaner.

194944 AM12406 40% 60% .125 dia. 1 lb. \$ **22.40**

Rosin Core. For applications on electrical components & electronic circuitry. Apply w/soldering irons & guns. Contains activated rosin (*noncorrosive*) flux to clean parts while soldering.

194949 AM21604 60% 40% .062 dia. 1/2 lb. \$ **16.50**

194946 AM11406 40% 60% .093 dia. 1 lb. **22.60**

Solid Core. For general purpose soldering such as repairing stained glass, household items, plumbing drains, brass fittings & fixtures, steel, nickel-plate & nickel alloys (*not for electrical applications*). Apply w/flux.

194950 AM13406 40% 60% .125 dia. 1 lb. \$ **22.10**

194952 AM13505 50% 50% .125 dia. 1 lb. **25.30**

Bar Solder. Uniform distribution of tin-lead alloys provides good flow characteristics & low melting point (*in bar form, not on spool*).

942912 AM50501 50% 50% — 1 lb. \$ **26.00**

Lead-free Solder. Silver-bearing solder w/a blend of tin, copper & silver alloy for applications requiring lead-free alloy. It provides better capillary penetration, a pasty working range & stronger solder joint. Complies with Federal Standards for use of solder in potable water systems.

194942 AM13955 95% — .125 dia. 1 lb. \$ **44.50**

Johnson Mfg. Soldering Flux. Soldering fluid that contains no acid.

Stk. **490000** pt. \$ **7.13**

Stk. **490067** qt. **11.80**

Stk. **490134** gal. **25.70**

Propane Torch

Bernzomatic Solid brass pencil flame torch with fracture groove for safety if dropped.

Includes replaceable pencil flame tip.

Stk. **943014** Mfg. UL2317 \$ **17.80**

