

# Wire Management

When wires become entangled they are safety hazards, for both the equipment and the owner. Gardner Bender<sup>™</sup> offers a variety of products for protection and neatness. As the needs of professional electricians change in managing wire and cable, Gardner Bender<sup>™</sup> continues to deliver innovative solutions.

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## **Cable Wraptor™**

Simple design, endless solutions.

- "T" handle feature allows for easy carrying from one job to the next.
- Large hang hole is perfect to store and hang.
- Stainless steel hinge and spring to prevent rusting.
- Large teeth design for secure locking system.
- Easy release trigger.
- Cable tie looping hole for permanent attachment.
- Spring-loaded hinge helps close tail.

Part #	Pkg Qty	Bundle Dia. Max.	Size
	50/box	<b>1</b> <sup>1</sup> ⁄8"	small
CW-T2RR25	25/box	2"	medium
	25/box	3"	large
CW-T4RR20	20/box	4"	x-large





Patented



#### **Electrical Tape**

Quality electrical tape designed for general purpose electrical applications.

- Made from low-lead PVC material.
- For applications up to 600 V.
- Temp rating up to 80 °C (176 °F).

Part #	Pkg Qty	Sleeve Qty	Width	Length	Color
GTP-307	1/roll	10/sleeve	3⁄4"	30'	Black
GTP-307D	1/card	—	3⁄4"	30'	Black (w/Dispenser)
GTP-307WD	1/card		3⁄4"	30'	Black - Weather Resistant (w/Dispenser)
GTP-607	1/roll	10/sleeve	3⁄4"	60'	Black
GTP-607P	1/puck		3⁄4"	60'	Black
GTB-667P	1/puck		3⁄4"	60'	Blue
GTN-667P	1/puck		3⁄4"	66'	Brown
GTO-667P	1/puck		3⁄4"	66'	Orange
GTG-667P	1/puck		3⁄4"	66'	Green
GTR-667P	1/puck		3⁄4"	66'	Red
GTW-667P	1/puck		3⁄4"	66'	White
GTY-667P	1/puck		3⁄4"	66'	Yellow
GTPC-512	5/card		3⁄4"	12'	Assorted (Red, White, Blue, Green, Yellow)
GTPC-550	5/clam		1/2"	20'	Assorted (Red, White, Blue, Green, Yellow)







### **Friction Tape**

Black friction tape with matted finish, available in two lengths.

- Matted finish provides the best gripping surface available.
- Use over electrical splices, wrapping grips or sporting goods.
- Available in two lengths: 30' or 60'.

Ρ	Part #	Pkg Qty	Description							
G	GTF-300	1/roll	<sup>3</sup> ⁄ <sub>4</sub> " wide, 30' long							
G	TF-600	1/roll	3/4" wide, 60' long							

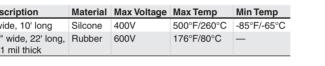


## **NEW** Self Sealing Tape

High quality tape to insulate many conductor shapes.

- · Insulates and seals surfaces
- · Fuses to itself during application to stay watertight
- Silicone Tape provides permanent mold in 24 hrs, or in minutes with application of heat

Part #	Pkg Qty	Description	Material	Max Voltage	Max Temp	Min Temp
HTP-1010	1/roll	1"wide, 10' long	Silcone	400V	500°F/260°C	-85°F/-65°C
RTP-3422	1/roll	3/4" wide, 22' long, .031 mil thick	Rubber	600V	176°F/80°C	—





Liquid Ta

**RTP-3422** 

(UL

# **NEW** Liquid Electrical Tape

A liquid coating used to insulate and protect electrical splices and connections.

- Waterproof, will not unravel or deteriorate like traditional tape.
- · Great for home, auto/marine and electrical applications.
- Indoor/outdoor.
- · Brush-on applicator included.

Part #	Pkg Qty	Color	Part #	Pkg Qty	Color
LTB-400	4 oz/bottle	Black	LTW-400	4 oz/bottle	White
LTR-400	4 oz/bottle	Red	LTS-600	6 oz/spray	Black
LTG-400	4 oz/bottle	Green			

#### **INITY** Heat Shrink Gun

- Use with heat shrink tubing or terminals.
- Refillable butane can included.

Part #	Pkg Qty
MSTR-TORCH	1/clam





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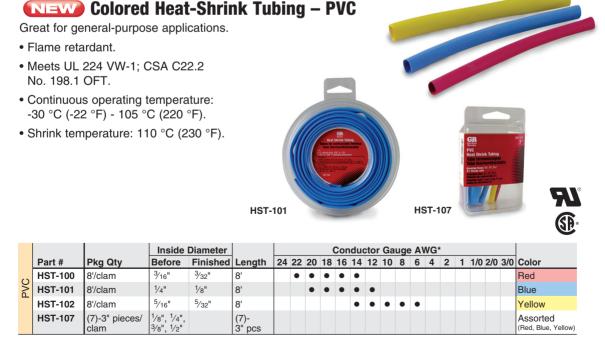
## Thin-Wall Heat-Shrink Tubing – Polyolefin

Great for cable insulation, marking and bundling, with superior mechanical, abrasion and moisture protection.

- Flame retardant.
- Resists common fluids and solvents.
- Meets UL 224, 125 °C; CSA C22.2 No. 198.1, 125 °C; MIL-DTL-23053/5, Class 1 & 2, AMS 3636 & 3637; DEF STAN 59-79, Issue 3 Type 2a.
- Continuous operating temperature: -55 °C (-67 °F) 135 °C (275 °F).
- Shrink temperature: 120 °C (250 °F) 250 °C (480 °F).
- 600 V/Mil Dielectric strength.
- 2:1 shrink ratio.

			Inside	Diameter		Conductor Gauge AWG*																	
	Part #	Pkg Qty	Before	Finished	Length	24	22	20	18	16	14	12	10	8	6	4	2	1	1/0	2/0	3/0	4/0	
	HST-093	8 pcs	<sup>3</sup> ⁄32"	<sup>3</sup> ⁄64"	4"	•																	
	HST-125	7 pcs	1⁄8"	1⁄16"	4"		٠	٠	٠														
<u>,</u>	HST-187	8 pcs	<sup>3</sup> ⁄16"	<sup>3</sup> ⁄32"	4"			٠	٠	٠	٠	•											
Polyolefin	HST-250	6 pcs	1⁄4"	1⁄8"	4"				٠	٠	٠	٠	٠										
oly	HST-375	3 pcs	<sup>3</sup> ⁄8"	<sup>3</sup> ⁄16"	4"							٠	٠	٠	٠	٠							
٩	HST-500	3 pcs	1/2"	1⁄4"	4"								٠	٠	٠	٠	٠						
	HST-750	2 pcs	3⁄4"	<sup>3</sup> ⁄8"	4"											٠	٠	٠	٠	•	•		
	HST-999	2 pcs	1"	1/2"	4"															•	٠	٠	
	HST-AST	8/card	<sup>1</sup> /8", <sup>3</sup> /16", 1/4"	<sup>1</sup> /16", <sup>3</sup> /32", 1/8"	4"																		

\* Sizes shown are approximate and may vary according to manufacturer and insulation system for each wire.



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## **Heavy-Wall Heat-Shrink Tubing**

Provides maximum reliability for insulating and protecting wire, cables and terminations.

- High impact, abrasion and corrosion resistance.
- Submersible and great for direct burial installations.
- Inner adhesive bonds to plastics, rubber, neoprene, steel, polyethylene.
- Continuous operating temperature: -55 °C (-67 °F) 125 °C (257 °F).
- Shrink temperature: 120 °C (250 °F).

		Inside	Diameter		5
Part #	Pkg Qty	Before	Finished	Length	_
HWT-0722	1/bag	3⁄4"	<sup>7</sup> /32"	6"	(
HWT-1138	1/bag	1 <sup>3</sup> ⁄32"	3⁄8"	6"	
HWT-1550	1/bag	1½"	1/2"	6"	



Protects hoses, wire and cables from cuts, abrasions and UV wear.

- Excellent for managing cords for electronics, under hood or trailer wiring.
- Corrugated for added flexibility.
- Split down the center for wire breakout where needed.



Part #	Inside Dia.	Length	Color	Pkg Qty	
FLX-3810	<sup>3</sup> ⁄8"	10'	Black	1/bag	
FLX-5007	1/2"	7'	Black	1/bag	
FLX-757GR	3⁄4"	5'	Gray	1/bag	
FLX-1007	1"	5'	Gray	1/bag	

# **Spiral Wrap**

Manages wire and cable neatly and allows for cable to break out at desired locations.

- Made from flexible polyethylene.
- Protects cables from cuts, abrasions and UV wear.

			Includes:					
Part #	Description	Color	Qty	Description	Inside Dia.			
FSP-AST	Assorted	Clear	1	4' length	3⁄8"			
			1	4' length	1⁄8"			





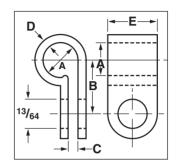
## **Plastic Cable Clamps**

Polypropylene clamps hold harnesses, cables and tubing.

- Used for construction, maintenance and assembly-line operations.
- Use in control cabinets, panels and general applications.
- Tough, durable, yet extremely lightweight.
- Working temperature range: -54 °C (-66 °F) to 170 °C (340 °F).
- Clean, smooth edges for easy handling.
- Fast installation.

		Dimer					
Part #	Pkg Qty	A dia.	В	С	D	E width	Color
PPC-1525	18/card	1⁄4"	<sup>25</sup> ⁄64"	<sup>1</sup> /32"	<sup>3</sup> ⁄64"	<sup>3</sup> ⁄8"	Natural
PPC-1525UVB	18/card	1⁄4"	<sup>25</sup> ⁄64"	<sup>1</sup> /32"	3⁄64"	<sup>3</sup> ⁄8"	Black
PPC-1538	15/card	<sup>3</sup> ⁄8"	<sup>31</sup> ⁄ <sub>64</sub> "	1⁄32"	<sup>3</sup> ⁄64"	3⁄8"	Natural
PPC-1538UVB	15/card	3⁄8"	<sup>31</sup> ⁄64"	<sup>1</sup> /32"	3⁄64"	3⁄8"	Black
PPC-1550	12/card	1/2"	<sup>35</sup> ⁄64"	<sup>3</sup> ⁄64"	<sup>3</sup> ⁄64"	<sup>3</sup> ⁄8"	Natural
PPC-1550UVB	12/card	1⁄2"	<sup>35</sup> ⁄64"	<sup>3</sup> ⁄64"	<sup>3</sup> ⁄64"	<sup>3</sup> ⁄8"	Black
PPC-1575	6/card	3⁄4"	<sup>3</sup> ⁄64"	<sup>3</sup> ⁄32"	3⁄64"	1⁄2"	Natural
PPC-1575UVB	6/card	3⁄4"	<sup>3</sup> ⁄64"	<sup>3</sup> ⁄32"	3⁄64"	1/2"	Black
PPC-1600	4/card	1"	<sup>51</sup> ⁄64"	<sup>3</sup> ⁄32"	3⁄64"	1⁄2"	Natural





# Rubber Insulated Clamps

Secures wire and cable in industrial, auto/marine and where vibrations may occur.

- Corrosive-resistant plated steel clamp.
- Flexible ½" wide body.
- Secure with ¼" screw.

Part #	Size	Pkg Qty
PPR-1550	1⁄2"	2 pcs
PPR-1575	3⁄4"	2 pcs
PPR-1600	1"	1 pc



## **Plastic Kwik Clips**

Mount bundles, cables, cords, tools etc. to drywall, wood and painted surfaces.

- Ratcheting/releasable feature allows adjustment to a range of bundle diameters.
- Adhesive backed.

Part #	Pkg Qty	Description	Color
GKK-1538	6/card	Holds 3/8" Cable	Natural
GKK-1538UVB	6/card	Holds 3/8" Cable	Black
GKK-1550	4/card	Holds 1/2" Cable	Natural
GKK-1575	2/card	Holds 3/4" Cable	Natural



Wire Management

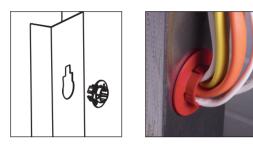


#### **Stud Insulators**

One piece design insulating 360° protection for cable runs through metal studs.

- Fits all pre-punched and field punched hole sizes and configurations.
- Unique folding tabs for fast, one-handed installations.
- Meets NEC article 300-4(b) and CEC rule 12-516.









#### Grommets

Protect wires from chafing against drilled holes.

Part #	Pkg Qty	Inside Dimensions
GHG-1525	6/card	1⁄4"
GHG-1538 GHG-1550 GHG-1575	5/card	<sup>3</sup> /8"
GHG-1550	4/card	1/2"
GHG-1575	3/card	<sup>3</sup> /4"
GHG-AST	8/clam	1/4", 3/8", 1/2", 3/4"



# Knockout Seals $(\frac{1}{2}"$ to 4")

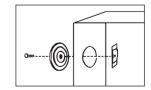
Easy-to-use metal knockout seal.

- Fast and easy to install from inside or outside of box.
- Embossed for quick self-centering in unused knockouts. One screw holds seal in place.
- Made of rust-proofed, cold-rolled galvanized steel. Screw and bar are zinc-plated.
- Marked for size and catalog number for easy identification.
- 16-gauge steel; 3/8" thread.

Part #	Pkg Qty	For Knockout Dia
KO701	100/box	1/2"
K0701C	5/clam	1/2"
KO702	50/box	3⁄4"
K0702C	3/clam	3⁄4"
	25/box	1"
KO704	25/box	<b>1</b> <sup>1</sup> /4"

Part #	Pkg Qty	For Knockout Dia
KO705	10/box	11/2"
KO706	10/box	2"
KO707	10/box	21/2"
KO708	10/box	3"
KO709	10/box	31/2"
KO710	10/box	4"







**Vire Management** 

# Snap-In Seals (1/2" to 2")

Convenient snap-in feature for quick installation.

• Zinc-plated to resist corrosion.

Part #	Pkg Qty	For Knockout Dia.
601	100/box	1/2"
602	100/box	3⁄4"
603	50/box	1"



# **Galvanized Hanger Strap**

For hanging or fastening conduit, pipe or cables.

• Flexible for easy use.



Part #	PKg Qty	Description
GHS-1510	1/card	10' x <sup>3</sup> ⁄4" x 20 gauge

Saf-Te-Plate <sup>™</sup> Prot	tectors
--------------------------------	---------

Protects cable and plastic pipe from nail punctures.

· Plate attaches to wood studs with a single



Part #	Pkg Qty	Description
FP159-3	100/box	1 <sup>1</sup> / <sub>2</sub> " x 3" x 16 gauge Metal Safety Plate
FP159-6	50/box	11/2" x 6" x 16 gauge Metal Safety Plate

# **Duct Seal Compound**

Seals conduit openings against drafts, dust, moisture and noise.

- Protects terminal boxes, pot heads and bushings from corrosive elements.
- Deadens switch gear panel noise.
- Dough-like compound is easily "thumbed" over holes and gaps.
- Will not harden or form a skin under normal conditions.
- Not for use outdoors.
- Specifications:
  - Viscosity: ASTM D-217 300-gram load 7.0 -11.0; ASTM DS-S2 100-gram load 9.0 -15.0
  - Temperature Range: Adheres at -20 °F (-29 °C). Will not slump after 1 hr. at 350 °F (175 °C).
  - Flash Point: Over 550 °F (285 °C).
  - Other Properties: Non-conducting, non-deteriorating, non-toxic, non-corrosive, non-staining, non-curable; 99% solid, coil-based.

Part #	Pkg Qty	Description
DS-130	30 pugs	1 lb Pugs
DS-530	6 pugs	5 lb Pugs





## **Pocket Pack Wire Markers**

Pocket-sized booklets of cloth wire markers and matching terminal markers.

- Saves time and money during all on-site and in-plant initial hookup, troubleshooting, maintenance and repair.
- Nylon-impregnated cloth resists moisture, dirt and oil.
- Non-smear legends assure high visibility for instant, positive identification.
- Matching terminal marker with every wire marker, plus an extra page of blank write-on wire and terminal markers for special legends.

Part #	Marker Legends	Qty
42-027	0 - 9	45/ea
42-028	A - Z	10/ea
	0 - 15	10/ea
	Symbols: +, -, /	10/ea
42-029	1 - 45	10/ea
<b>42-030</b> 46 - 90		10/ea
42-035	1 - 15	6/ea
	16 - 90	4/ea
	A - Z	2/ea
	Symbols: +, -, /, 0	2/ea

42-ALPHA Circuit Breaker Box Marker Book

#### **Box Supports**

Saves time for installing outlet or switch boxes.

• Screwless support for ease of use.

- Simple to use:
  - 1. Mark corners of box position and drill four  $\frac{1}{2}$ " holes.
  - 2. Saw between holes to make box opening.
  - 3. Place box into opening.
  - 4. Slip box supports into openings alongside box; one with long end up, the other down.
  - 5. Bend fingers of box supports into box while firmly pressing box against wall.

Part #	Pkg Qty	Description	_
800	25 sets/box	Box Support Set (pair)	_ @





# **NEW** Electrician's Screw Kits

Assorted sizes & lengths of commonly used electrical machine screws.

- Slotted round-head screws for switches, receptacles and outlet applications.
- Slotted flat-head screws for all-purpose electrical fastening.

Part #	Pkg Qty	Туре	Contents
SK-832	370 pcs	8-32 Round Head	1/2", 3/4", 1", 11/4", 11/2", 2"
SK-632	370 pcs	6-32 Flat Head	<sup>3</sup> /4", 1", 1 <sup>1</sup> /4", 1 <sup>1</sup> /2", 2", 3"
SK-832WP	135 pcs	8-32 Round Head	1/2", 3/4", 1", 11/4", 11/2", 2"
			wall plate screws (white, ivory & almond)
14-WPI	10/card	Wall Plate Screws	lvory
14-WPW	10/card	Wall Plate Screws	White



SK-832WP



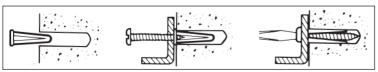
## Big Red™ Plastic Conical Anchor Kit

Perfect multi-purpose kit for professionals and end-users.

- Tapered end for easy installation.
- Flanged ribs prevent turning or twisting in hole.
- Carbide drill bit included with each kit.

art #		Pkg Qty	Description
P4-K1(	00	1 kit	Plastic Anchor Kit
Kit C	onta	ins:	
Kit C Qty		ains: scription	
	De		ors

1 1/4" Carbide Drill Bit

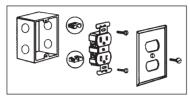






## **Quick Fix Spacers**

- Adjusts length of receptacle or switches for proper fit of face plates.
- Four-inch stack of spacers twists apart easily for desired thickness.







# **NEW** Electrical Reference Books

Reference books that outline safe wiring recommendations based on the National Electric Code.

Part #	Pkg Qty	Description
ERB-UG	1	Ugly's Electrical References - Revised 2011 Edition. A quick, on-the-job reference guide for the most commonly required information in an easy-to-read format.
ERB-WS	1	Wiring Simplified 43rd Edition A comprehensive book that translates the NEC rules into easy-to-understand explanations on how to complete safe wiring installs in homes.

