

# Wire Management

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# Cord Grips

Cord grips are used to control a cable's bend radius and prevent a power outage, system malfunction, or unplanned equipment downtime due to a cable pulling away and accidentally becoming disconnected. Cord

grips also add extra support that helps prevent unwanted stress and wear on installed cables and connections that may result in loss of signal, power and/or time.

## Bryant® Deluxe Cord Strain Relief Grips

Deluxe cord strain relief grips are liquid-, oil- and dust-tight and are used for crane hoists, food and beverage processing equipment, pendant drop stations, and other indoor, outdoor or washdown applications. Deluxe cords prevent cable/cord pullout at the point of termination and are often used together with bus drop support grips and safety springs for overall cord support and strain relief.

- Double to single weave variable mesh
- Corrosion-resistant stainless steel mesh that also adds strength
- Neoprene water-, dust- and oil-tight seal
- Aluminum fitting
- Mesh flexibility for easy installation
- Lock nuts and bushing not included
- UL and CSA certified
- Types 1/4/4X/6/6P/3/3X/3S/3SX/5/12K/13



## Bryant® Dust-Tight Strain Relief Grips

Dust-tight grips serve the same purpose as deluxe cord strain relief grips but only provide a dust-tight connection. These are commonly used for indoor bus drop systems, motor connections, panel boards, and internal machine and electrical cabinets.

- Single weave variable mesh
- Galvanized steel mesh
- Insulating bushing
- One-piece design
- Steel lock nut and threaded fitting and bushing included
- UL and CSA certified
- Type 1/3/3X/3S/3SX/5/12K/13

## Bryant® Support Grips

Support grips, also called eye grips or suspension grips, are commonly used for indoor or outdoor cable runs to provide support of the dead weight from suspended cables, cords, and hoses, while preventing breakage or stress damage. Support grips are commonly used for elevator shafts, utility poles, and for strain relief of air and water hoses.

- Closed grips with U eye
- Single weave variable mesh
- Non-magnetic tin-coated bronze grips minimize hysteresis and heat build-up
- Uniform gripping power
- Strand equalizers for equal loading
- CSA certified



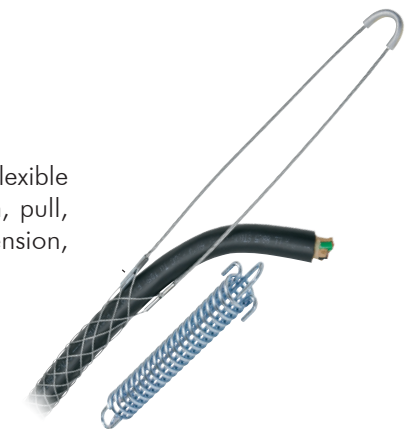
# Cord Grips

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## Bryant® Bus Drop Support Grips

Bus drop grips are used for indoor light-duty support of dead weight from flexible cable drops on electrical connections. These grips are used to reduce strain, pull, vibration, and flexing. This grip can also be used with safety springs to reduce tension, prevent pullouts, electrical accidents, and downtime.

- Single eye with single variable weave
- Galvanized steel for additional holding power in abrasive environments
- Strand equalizers position wires for equal loading
- UL and CSA certified



## Bryant® Pulling Grips

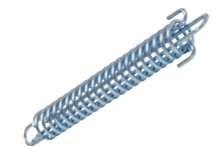
Pulling grips are light industrial reusable tools used for pulling electrical cable or wire during industrial plant wiring and re-wiring. These grips protect cables and wires from abrasion and ease them through bends and rough surfaces. They can also be used for temporary splice when replacing old cables and to pull slack.

- Available as light duty low tension for ranges from 0.75 to 1.74 inches
- Also available as junior low tension for ranges of 0.25 to 1.24 inches
- Single weave variable mesh for easy install
- High-strength galvanized steel mesh grip
- Reusable
- Easily mates with swivel and link type connections
- Flexible eye



## Bryant® Cord Grip Accessories

Cord grip accessories include 40 and 80lb tension springs in 3/4" or 1" diameters, used with bus drop support grips to help reduce tension and prevent pullouts.



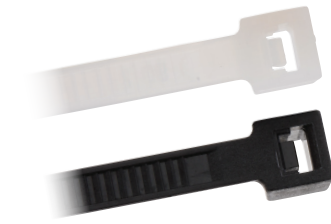
# Cable Ties

Cable ties provide a quick and economical way to secure cables/wires as a group or to a surface. General purpose cable ties satisfy most common applications; special-purpose types are helpful for non-typical needs.

## SapiSelco® General Purpose Nylon Cable Ties

General purpose Nylon 6.6 cable ties are slotted and held in place by an elastic tooth that locks against a rack. The tail of the strap is pulled through the head to form a noose that can only be tightened.

- Resistant to solvents and reagents, oil, gasoline, and hydrocarbons when used in low temperatures, low concentrations, and for short periods of time
- UL 94: V2 self-extinguishing black or white nylon
- Halogen-free
- Not resistant to mineral acids and oxidizing agents
- Designed for indoor applications
- Rounded edges to avoid cable damage



## SapiSelco® General Purpose Colored Nylon Cable Ties

These general purpose colored Nylon 6.6 cable ties are the same as the above cable ties, but are available in colors such as red, blue, green, and yellow.



## SapiSelco® Cable Tie Assortment Kits

The bucket assortment kits are designed with professionals and do-it-yourselfers in mind. These kits consist of a practical reusable bucket, containing either 1,200 or 800 pieces, in black and natural; or an 800-piece bucket with colored assortment of Nylon cable ties.



## SapiSelco® Nylon Cable Ties with Stainless Steel Tooth

These cable ties have a hardened stainless steel tooth that ensures extremely high mechanical strength and optimal resistance to corrosion. The rack has a single central raised section that locks the tooth, guaranteeing maximum strength while at the same time enabling smoother insertion through the steel tooth, reducing the required insertion force.

- UL 94: V2 self-extinguishing nylon
- Designed for indoor applications
- Rounded edges to avoid cable damage
- UL and CE certified



## SapiSelco® Nylon UV Resistant Cable Ties

Nylon UV resistant cable ties can resist exposure to sun and ultraviolet rays and endure the harsh conditions of outdoor applications for up to 10 years.

- UL 94: V2 self-extinguishing nylon
- Designed for indoor applications
- Rounded edges to avoid cable damage
- CE certified



## SapiSelco® Metal Detector Readable Nylon Cable Ties

Metal detector readable cable ties are made with a special polyamide with metal powder additive that makes them sensitive to electromagnetic fields, making them ideal for food, pharmaceutical and chemical industries.

- Made for applications requiring metal detection
- UL 94: V2 self-extinguishing nylon
- Designed for indoor applications
- Rounded edges to avoid cable damage
- CE certified



## SapiSelco® Nylon Releasable Tab Cable Ties

Releasable tab cable ties have a tongue that locks the cable tie in place but allows for the cable tie to be released and reused by simply pressing the release tab.

- Made for temporary cabling
- UL 94: V2 self-extinguishing nylon
- Designed for indoor applications
- Rounded edges to avoid cable damage
- CE certified



# Cable Ties

## SapiSelco® Nylon Lashing Cable Ties

Nylon lashing cable ties have a second slot above the head to insert the leftover tail remaining after installation, eliminating the need to cut the excess.

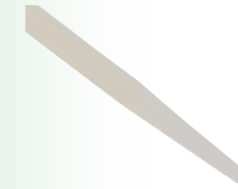
- UL 94: V2 self-extinguishing nylon
- Suitable for indoor applications
- Rounded edges to avoid cable damage
- CE certified



## SapiSelco® Screw Mount Cable Ties

Screw mount cable ties are designed with an eyelet that allows tying cable bundles onto even sharp-edged supports, using rivets or screws [not included] inserted through the eyelet.

- UL 94: V2 self-extinguishing nylon
- Suitable for indoor applications
- Rounded edges to avoid cable damage
- CE certified



## SapiSelco® Low Temperature Cable Ties

Low temperature cable ties are made of black UV-stabilized nylon that is resistant to low temperatures and suitable for outdoor applications.

- UL 94: V2 self-extinguishing nylon
- Rounded edges to avoid cable damage
- CE certified



## SapiSelco® CLICK-TIE Cable Ties

CLICK-TIE cable ties are low-cost, releasable, and reusable cable ties, suitable for lightweight loads. They are designed with a double-locking head that enables securing two cable bundles with one tie. The body is completely rounded, which eliminates sharp edges to guarantee reliable performance every time.

- UL 94: V2 self-extinguishing nylon
- Suitable for outdoor applications
- Rounded edges to avoid cable damage
- CE certified



## SapiSelco® Nylon Identification Cable Ties

Nylon identification cable ties are designed with a built-in horizontal or vertical identification tag that allows writing with a permanent marker.

- UL 94: V2 self-extinguishing nylon
- Designed for indoor applications
- Rounded edges to avoid cable damage
- UL and CE certified



## SapiSelco® Double-Headed Cable Ties

Double-headed cable ties are made from a softer thermoplastic that makes them more flexible and the double-headed design provides a more secure fastening.

- UL 94: HB self-extinguishing nylon
- Designed for outdoor applications
- Rounded edges to avoid cable damage
- CE certified



## Cable Tie Cutting Tools

Cutters with a special angle enable clean cuts of ties to sizes between 2.5 and 12.5 mm in width, leaving the wired electric cables intact. The cutter can also be used for cutting cables.



## Collar Fastening Metal Pliers

These pliers make it easier to tighten and cut double-headed cable ties, leaving a short length of tail close to the head, for use with up to 9mm wide cable ties.



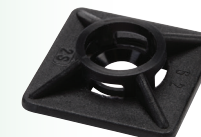
## Cable Tie Gun Installation Tool

This cable tie gun helps adjust the preload and then cut the remaining cable tie tail.



## Bi-Directional Nylon Square Base

This Nylon square base has slots that allow a cable tie to be mounted and secured.





# Industrial Labeling



Label making tools create labels used in industrial and commercial applications where moisture, chemical, and UV resistance are required. Industrial labeling machines

can print using continuous tape, pre-sized labels, heat-shrink tubes, wire and cable wrap labels, small format safety labels, and more.

## Portable Label Printers

Epson LabelWorks PX series portable thermal label printers create professional labels, self-laminating wire wraps, wire and cable markers, general identification labels, and bar codes on a variety of materials such as magnetic tape, heat shrink tubing, and super strong adhesive tape. Products include:

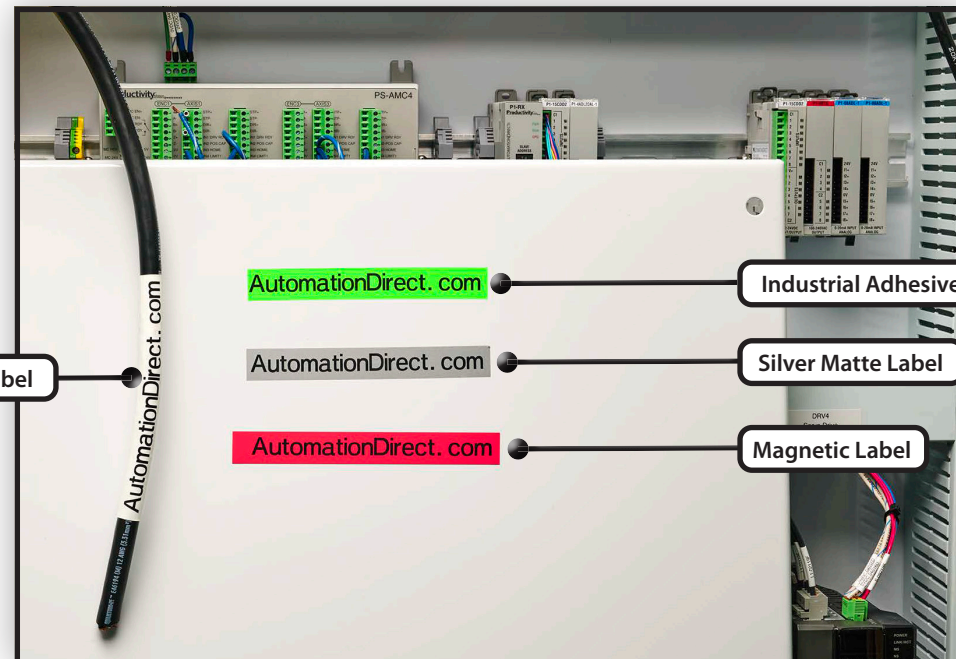


- Low-cost LW-PX300 label printer creates labels up to 18mm [3/4 in] wide
- Bluetooth compatible LW-PX400 printer prints labels up to 24mm [1in] wide
- LW-PX700 printer offers time- and cost-saving features for creating labels up to 24mm [1in] wide
- LW-PX900 printer features a high-speed 360dpi print output that creates highly visible and detailed labels up to 36mm [1-1/2 in] wide
- All printers come with a lifetime warranty

## Label Cartridges

Epson LabelWorks label cartridges house labels and printing tape and are available in a variety of sizes and types, including:

- Standard labels for general-purpose applications
- Bold industrial adhesive labels for announcements, warnings, and statements
- Strong adhesive labels for secure bonding
- Easily removable adhesive labels
- Extra-tough labels for extreme operating temperatures
- Silver matte labels for a professional finish
- Self-lamination wire wrap labels
- Heat-shrink tube wire and cable labels
- Reusable and movable magnetic labels



# Plugs, Connectors, and Receptacles

## Bryant® Locking Electrical Plugs, Connectors and Receptacles

Bryant locking or lock-twist electrical plugs and connectors have a tough impact- and chemical-resistant nylon housing with a double-wall construction. The locking plugs are designed to work together with either a Bryant locking connector or receptacle. The plugs and female connections have a curved feature that allows the twist-lock action of the connections.



The locking receptacles consist of a single receptacle designed to connect and lock with Bryant locking plugs. These single receptacles feature a combination of back and side wiring terminals for convenient wiring.

- Internal Triple-Gripper® cord clamp with unique "radius teeth" design automatically centers and secures the cord
- Double-wall construction plugs and connectors
- Combination Phillips/slotted captive terminal screws
- Plugs/connectors have a transparent terminal cover with clear window and teardrop wiring pockets to ease insertion of stranded wire and make solid connections
- Copper wire only
- Plugs and connectors have captive, quick-thread assembly screws backed out, ready for assembly
- Plugs and connectors have integral thermoplastic elastomer dust seal that surrounds cord to help prevent moisture and contaminants from entering the wiring chamber
- Plug has nickel-plated neutral blade for easy identification
- Amperage, voltage and NEMA configuration imprinted on face for easy identification
- UL and CSA certifications

## Bryant® Straight Blade Plugs, Connectors and Receptacles



Bryant straight blade electrical plugs, connectors and receptacles have basically the same specs and features as the locking versions mentioned above, except that the plug blades and female connections are straight and do not lock.

Receptacles are industrial grade duplex straight blade devices that allow straight blade plugs to be connected.

- Straight blade plugs, connectors and receptacles have the same features shown above for locking types
- Duplex receptacles face is molded of toughened nylon to resist breakage

## Bryant® Watertight Plugs and Connectors

Bryant high-visibility yellow watertight plugs and connectors provide the same reliable service as the standard straight blade devices, but with added protection when paired together. These plugs and connectors provide excellent resistance to moisture and temperature.

- High-visibility yellow thermoplastic elastomer housing
- Rugged PBT interiors provide excellent resistance to moisture and temperature
- New cone seal prevents water from accumulating at the cable entrance
- Tongue and groove plug to connector sealing system for optimum protection
- Nickel-plated contacts and blades
- Gotcha ring for superior strain relief
- Stainless steel captive assembly screws
- Accepts multiple cord diameters
- Individual neoprene bushings provide watertight sealing
- Keyed body and interior for proper alignment
- Recommended where moisture exists or frequent washdown occurs
- All exposed materials are UV stabilized
- Meets NEC requirements for "Wet & Damp Locations"
- Meets OSHA requirements
- UL, CSA, NSF and NEMA certifications



## Bryant® Corrosion-Resistant Duplex Receptacles



Also available are corrosion-resistant duplex receptacles for use with Bryant watertight outlet boxes.

# Wiring Device Accessories

Bryant accessories for wiring devices provide solutions for installations and safety.

## Bryant® Lockout PlugBox Devices

OSHA approved lockout/tagout devices allow you to safely perform maintenance

- OSHA lockout/tagout regulation 29CFR 1910.147 compliance
- Protect against unexpected start-up of equipment during maintenance and repair work
- Plugs are locked safely in sturdy enclosure
- Discourages unauthorized use of tools and equipment
- Stores and protects plug when equipment is not in use or during relocation. Stores on cable when not in use.
- UV-stabilized polypropylene housing
- High-visibility red for easy identification
- Available in 3 sizes to accommodate a full range of plug designs and ratings
- Openings for attachment of identification tag

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**TECH·SPEC®**



## Bryant® Angle Adapter

- Converts 20A and 30A nylon locking plugs and connectors into space-saving angle devices
- Adapters permit wire to exit parallel to the receptacle; eliminating space needed for wire to bend

## 5200 and 7200 Series Weather Protective Boots

- Use with Bryant 15 and 20 Amp straight blade plugs and connectors and 15 Amp locking plug and connectors (5200 series)
- Use with Bryant Triple Gripper® 20 and 30 Amp nylon plugs and connectors (7200 series)
- Help prevent moisture, dust and other contaminants from infiltrating plugs and connectors
- Chemical/UV resistant thermoplastic elastomer construction (7200 series)
- Available in high visibility yellow or standard black
- Excellent ozone and weather resistance
- Resistant to deterioration by oils and heat
- Sealing ring seals connector when not mated (7200 series)
- IP55 suitability when installed and used properly with plug and connector body combinations
- Ribbed exterior for firm grip



## Bryant® Stainless Steel Cover Plates

Stainless steel outlet cover plates are available for straight blade and locking type single or duplex receptacles.

## Bryant® Portable Outlet Boxes

- Non-conductive, impact resistant thermoplastic elastomer boxes reduce the exposure to potential hazards
- Automatic centering strain relief cord clamps
- NEMA Type 1, IP44
- For use with 15A or 20A duplex receptacles [not included]
- Flip seals protect against wet environments and moisture when closed



# Pin and Sleeve Devices

## Bryant® Pin and Sleeve Watertight Plugs, Connectors, Receptacles and Inlets

Bryant IEC 60309 pin and sleeve devices are rugged nonconductive plugs, connectors, receptacles, and inlets designed to ensure reliable electrical continuity even in extreme environments. The tough insulated PBT housing, neoprene sealing glands, and a keyed interlocking shroud ensure that these devices will withstand impact and abuse, seal out contaminants and moisture, and prevent accidental disconnection while under load.

The design of these pin and sleeve devices ensure that devices of different amperage and voltage ratings cannot be connected together, conforming to IEC 60309-1 and IEC 60309-2 international standards.

Pin and sleeve plugs (male cord-end connectors) and inlets (male panel-mounted connectors) feature a solid brass pin construction that provides long life and reliable electrical contact. Connectors (female cord-end connectors) and receptacles (female panel-mounted connectors) feature spring-loaded gasketed covers for watertight protection when not in use. Cord-end connectors also have gland nuts and bodies with opposing thread profiles to prevent wiring pull-out and reduce wear.

- IP67 environmental ratings
- Impact- and corrosion-resistant insulated non-metallic housings
- Sequential contact engagement to prevent a momentary over-voltage
- External strain relief
- Glandless water ingress protection
- Color-coded for each specific voltage
- Phase contacts are recessed in deep insulated chambers to minimize arcing
- Self-adjusting contacts provide accurate pin insertion, producing self-cleaning effect as pin is inserted and withdrawn from sleeve
- Ground contact in forward position ensures first make, last break, neutral contact connects next, then phase contacts
- Terminal screws are backed out for easy assembly

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## Bryant® Portable Outlet Back Boxes

- Back box features heavy duty cast aluminum construction with a durable enamel finish
- Adapter plates allow receptacles and inlets to be mounted to back boxes
- Cast aluminum direct mount back boxes permit receptacles to be mounted directly to box without adapter plate
- Closure caps provide a watertight seal for male plugs and flanged inlets when not mated



## Bryant® Closure Caps for Inlets and Plugs

Bryant closure caps are used to provide watertight seals for inlets and plugs.

Closure Cap used with Inlets



Closure Cap used with Plugs

