WIRE MANAGEMENT

Dome-Top® Barb Ty Cable Ties

Weather Resistant Ties offer greater resistance to damage caused by ultraviolet light and are suitable for both indoor and outdoor use. High strength and low thread force. Use to bundle and secure wire and cable, as well as a wide array of other fastening and securing applications. Engineered and manufactured for maximum performance and quality. May be installed in temperatures as low as -20°C. Rated for use from -60°C to 115°C.

-60°C TO 115°C

Features

- Dome-Top® head features unique patented design with smooth, rounded edges
- Stainless steel locking barb adds strength, ensures consistent performance and reliability, and provides infinite adjustability through entire bundle range
- Curved tip for easy pick up from flat surfaces and faster threading
- UL Recognized, UL Listed, and CSA Certified (except light-heavy cross section)

Black Weather Resistant Nylon 6/6

Sold in packages of 100

Part Number	Length in.	mm	Width in.	mm	Thickness in.	mm	Max Bundle Diameter in.	mm	Min Loop Tensile Str. lbs.	N
Miniature Cross Section										
PW523MX	4.0	102	.095	2.4	.036	.9	.90	23	18	80
PW5232MX	7.9	201	.095	2.4	.046	1.2	2.00	51	18	80
PW5234MX	14.2	361	.095	2.4	.046	1.2	4.00	102	18	80
Intermediate Cross Section										
PW524MX	6.1	155	.141	3.6	.041	1.0	1.50	38	40	178
PW5242MX	8.0	203	.141	3.6	.041	1.0	2.00	51	40	178
PW526MX	11.3	287	.141	3.6	.049	1.2	3.00	76	40	178
PW5244MX	14.3	363	.141	3.6	.049	1.2	4.00	102	40	178
Standard Cross Section										
PW525MX	8.0	203	.185	4.7	.045	1.1	2.00	51	50	222
PW5253MX	12.0	305	.185	4.7	.052	1.3	3.00	76	50	222
PW528MX	15.1	384	.185	4.7	.052	1.3	4.00	102	50	222
Light-Heavy Cross Section (straight tip)										
PW5272MX	8.7	221	.275	7.0	.065	1.7	2.00	51	120	534
PW527MX	14.9	378	.275	7.0	.065	1.7	4.00	102	120	534
PW5275MX	18.1	460	.275	7.0	.065	1.7	5.00	127	120	534
PW5277MX	24.4	620	.275	7.0	.065	1.7	7.00	178	120	534
PW529MX	30.7	780	.275	7.0	.065	1.7	9.00	229	120	534

Straight Tip

Curved Tip
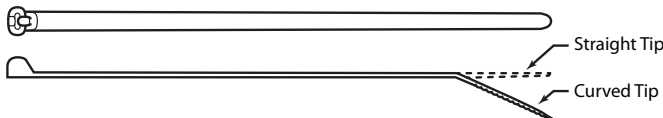
Screw Mount Ties also available
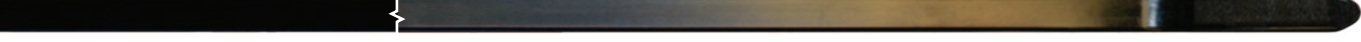
Cable Ties Service Kit available on page 91

Bulk quantities available

Black Weather Resistant Nylon – Indoor/Outdoor Use

Part Number	Length	Cross Section Type
PW523MX	4.0"	Miniature
PW524MX	6.1"	Intermediate
PW5232MX	7.9"	Miniature
PW5242MX	8.0"	Intermediate
PW525MX	8.0"	Standard
PW5272MX	8.7"	Light Heavy
PW526MX	11.3"	Intermediate
PW5253MX	12.0"	Standard
PW5234MX	14.2"	Miniature
PW5244MX	14.3"	Intermediate
PW528MX	15.1"	Standard
PW527MX	14.9"	Light Heavy
PW5275MX	18.1"	Light Heavy
PW5277MX	24.4"	Light Heavy
PW529MX	30.7"	Light Heavy

Stainless Steel Ties available by special order

Ties shown actual size, except length as indicated

Dome-Top® Barb Ty Cable Ties

Heat Stabilized Nylon Ties are suitable for use indoors in general and high temperature applications of up to 239°F (115°C). High strength and low thread force. Cable ties bundle and secure wire and cable, and are utilized in a wide array of other fastening and securing applications as well. Engineered and manufactured for maximum performance and quality.

-60°C TO 115°C

Features
- Dome-Top® head features unique patented design with smooth, rounded edges
- Stainless steel locking barb adds strength, ensures consistent performance and reliability, and provides infinite adjustability through entire bundle range
- Curved tip for easy pick up from flat surfaces and faster threading
- UL Recognized, UL Listed, and CSA Certified (except light-heavy cross section)

Natural Heat Stabilized Nylon 6/6

Sold in packages of 100

| Part Number	Length in.	mm	Width in.	mm	Thickness in.	mm	Max Bundle Diameter in.	mm	Min Loop Tensile Str. lbs.	N
Miniature Cross Section										
PW523M	4.0	102	.095	2.4	.036	.9	.90	23	18	80
PW5232M	7.9	201	.095	2.4	.046	1.2	2.00	51	18	80
PW5234M	14.2	361	.095	2.4	.046	1.2	4.00	102	18	80
Intermediate Cross Section										
PW524M	6.1	155	.141	3.6	.041	1.0	1.50	38	40	178
PW5242M	8.0	203	.141	3.6	.041	1.0	2.00	51	40	178
PW526M	11.3	287	.141	3.6	.049	1.2	3.00	76	40	178
PW5244M	14.3	363	.141	3.6	.049	1.2	4.00	102	40	178
Standard Cross Section										
PW525M	8.0	203	.185	4.7	.045	1.1	2.00	51	50	222
PW5253M	12.0	305	.185	4.7	.052	1.3	3.00	76	50	222
PW528M	15.1	384	.185	4.7	.052	1.3	4.00	102	50	222
Light-Heavy Cross Section (straight tip)										
PW5272M	8.7	221	.275	7.0	.065	1.7	2.00	51	120	534
PW527M	14.9	378	.275	7.0	.065	1.7	4.00	102	120	534
PW5275M	18.1	460	.275	7.0	.065	1.7	5.00	127	120	534
PW5277M	24.4	620	.275	7.0	.065	1.7	7.00	178	120	534
PW529M	30.7	780	.275	7.0	.065	1.7	9.00	229	120	534

Straight Tip

Curved Tip
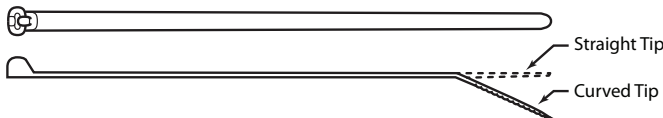
Ask about our Cable Tie Ordering Poster!

20"x30" poster shows Polar Wire's black and natural nylon cable ties at actual size for quick identification. Includes product info and part numbers for easy reference.
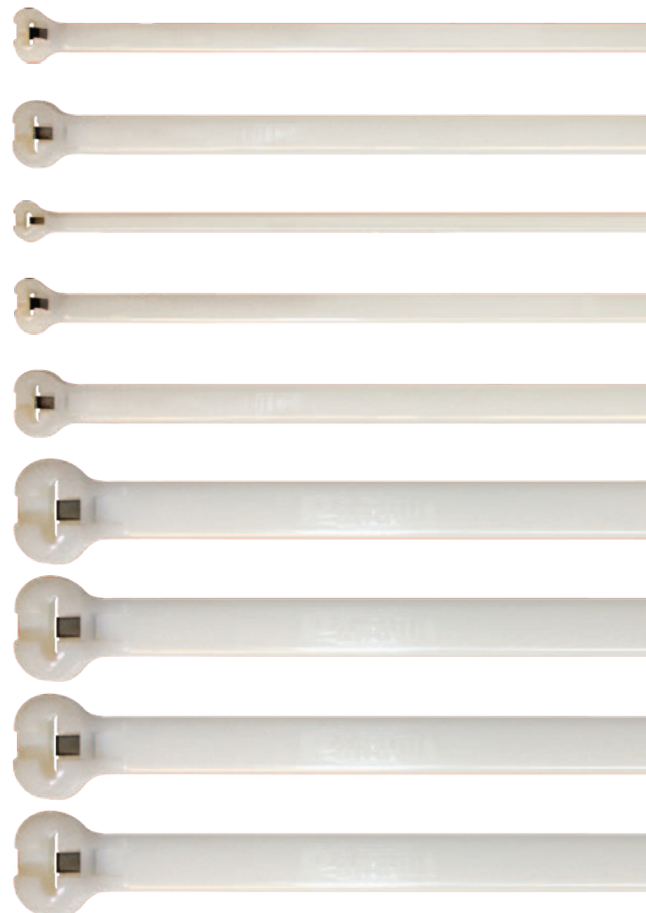
Bulk quantities available

Natural Heat Stabilized Nylon – Indoor Use

Part Number	Length	Cross Section Type
PW523M	4.0"	Miniature
PW524M	6.1"	Intermediate
PW5232M	7.9"	Miniature
PW5242M	8.0"	Intermediate
PW525M	8.0"	Standard
PW5272M	8.7"	Light Heavy
PW526M	11.3"	Intermediate
PW5253M	12.0"	Standard
PW5234M	14.2"	Miniature
PW5244M	14.3"	Intermediate
PW528M	15.1"	Standard
PW527M	14.9"	Light Heavy
PW5275M	18.1"	Light Heavy
PW5277M	24.4"	Light Heavy
PW529M	30.7"	Light Heavy

Stainless Steel Ties available by special order

Ties shown actual size, except length as indicated

WIRE MANAGEMENT

Cable Tie Mounts

TYM-104-1

TYM-104-34

CTM1B

CTM2B

CTM3B

Sold in packages of 100

TYM-104-1.5

CTM1W

TYMB-104-34   TYMB-104-1   TYMB-104-1.5

CTM2W
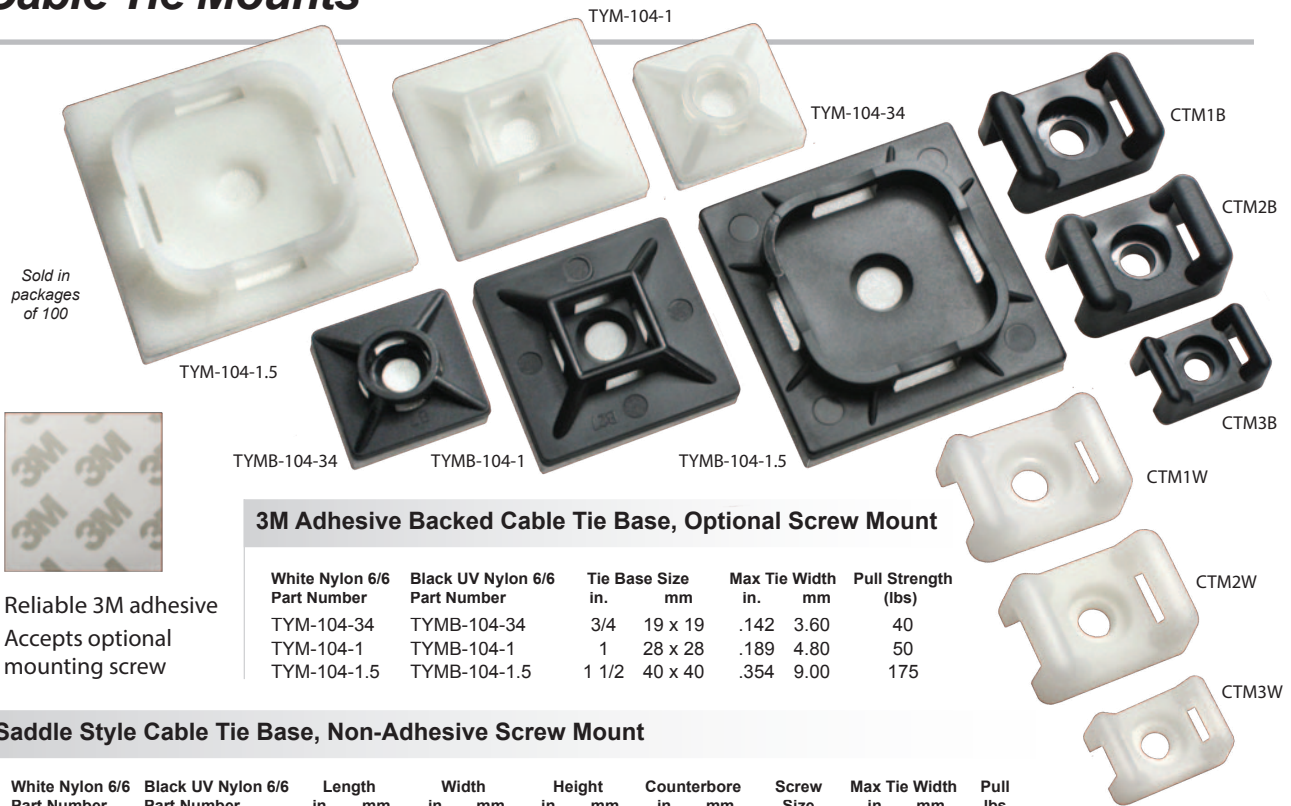
- Reliable 3M adhesive
- Accepts optional mounting screw

CTM3W

3M Adhesive Backed Cable Tie Base, Optional Screw Mount

White Nylon 6/6 Part Number	Black UV Nylon 6/6 Part Number	Tie Base Size in.	mm	Max Tie Width in.	mm	Pull Strength (lbs)
TYM-104-34	TYMB-104-34	3/4	19 x 19	.142	3.60	40
TYM-104-1	TYMB-104-1	1	28 x 28	.189	4.80	50
TYM-104-1.5	TYMB-104-1.5	1 1/2	40 x 40	.354	9.00	175

Saddle Style Cable Tie Base, Non-Adhesive Screw Mount

White Nylon 6/6 Part Number	Black UV Nylon 6/6 Part Number	Length in.	mm	Width in.	mm	Height in.	mm	Counterbore in.	mm	Screw Size	Max Tie Width in.	mm	Pull lbs.
CTM1W	CTM1B	0.70	17.80	0.50	12.70	0.32	8.15	0.28	7.10	#6 (M3)	.189	4.8	18-50
CTM2W	CTM2B	0.88	22.30	0.63	16.00	0.38	9.65	0.32	8.10	#8 (M4)	.299	7.6	18-120
CTM3W	CTM3B	1.00	25.40	0.63	16.00	0.43	10.80	0.40	10.10	#10 (M5)	.354	9.0	175

Cable Clamps

Natural Nylon

Part Number	Diameter
TCL-18	1/8"
TCL-36	3/16"
TCL-14	1/4"
TCL-56	5/16"
TCL-38	3/8"
TCL-12	1/2"
TCL-34	3/4"
TCL-78	7/8"
TCL-1	1"

®

Sold in packages of 100

Cable Clamps Service Kits available on page 91

Black Nylon

Part Number	Diameter
TCLB-18	1/8"
TCLB-36	3/16"
TCLB-14	1/4"
TCLB-56	5/16"
TCLB-38	3/8"
TCLB-12	1/2"
TCLB-34	3/4"
TCLB-78	7/8"
TCLB-1	1"

- Added carbon black provides very good UV resistance

Cushion Clamps

Part Number	Diameter
CCR-14	1/4"
CCR-38	3/8"
CCR-12	1/2"
CCR-34	3/4"
CCR-58	5/8"
CCR-78	7/8"
CCR-1	1"
CCR-1-14	1 1/4"
CCR-1-12	1 1/2"
CCR-1-34	1 3/4"
CCR-2	2"

Sold individually

Stainless Steel Cushion Clamps

Part Number	Diameter
SSR-14	1/4"
SSR-12	1/2"
SSR-34	3/4"
SSR-1	1"
SSR-112	1 1/2"

Sold individually

- Black EPDM cushion material

-50°F TO 350°F

Metal Clamps

Part Number	Diameter
MCC-14	1/4"
MCC-38	3/8"
MCC-12	1/2"
MCC-58	5/8"
MCC-34	3/4"
MCC-1	1"
MCC-1-14	1 1/4"
MCC-1-12	1 1/2"
MCC-1-34	1 3/4"
MCC-2	2"
MCC-2-12	2 1/2"
MCC-3	3"

Sold individually

Nylon and Polyethylene Convoluted Split Loom

NYLON: -40°F TO 230°F
POLYETHYLENE: -40°F TO 122°F

Split Loom Install Tool makes installation easy. Gather the wires into the bottom of the tool and insert into the split loom. Then slide the tool and wires through the tubing.

Loom Tool

Part Number	Fits Loom Diameter
SLT-025	1" – 1 1/4"
SLT-15	1/2" – 5/8"
SLT-20	3/4" – 7/8"
SLT-08	1/4" – 3/8"

Nylon Split Loom

Minimum order of 10 feet

Spool Part Number	Size	Length	Inside Diameter	Outside Diameter	Wall Thickness
LOOM14-SPOOL	1/4"	250 ft	.236" - .264"	.376" - .400"	.0047" - .0193"
LOOM38-SPOOL	3/8"	250 ft	.337" - .632"	.491" - .516"	.0059" - .0217"
LOOM12-SPOOL	1/2"	250 ft	.484" - .509"	.670" - .695"	.0071" - .0228"
LOOM58-SPOOL	5/8"	100 ft	.605" - .630"	.790" - .836"	.0083" - .0240"
LOOM34-SPOOL	3/4"	100 ft	.730" - .755"	.960" - .985"	.0094" - .0252"
LOOM1-SPOOL	1"	50 ft	1.000" - 1.039"	1.278" - 1.306"	.0118" - .0276"

Box Part Number	Size	Length	Inside Diameter	Outside Diameter	Wall Thickness
LOOM14-BOX	1/4"	10,000 ft	.236" - .264"	.376" - .400"	.0047" - .0193"
LOOM38-BOX	3/8"	5000 ft	.337" - .632"	.491" - .516"	.0059" - .0217"
LOOM12-BOX	1/2"	4000 ft	.484" - .509"	.670" - .695"	.0071" - .0228"
LOOM58-BOX	5/8"	2500 ft	.605" - .630"	.790" - .836"	.0083" - .0240"
LOOM34-BOX	3/4"	2000 ft	.730" - .755"	.960" - .985"	.0094" - .0252"
LOOM1-BOX	1"	300 ft	1.00" - 1.039"	1.278" - 1.306"	.0118" - .0276"
LOOM114-BOX	1 1/4"	250 ft	1.25" - 1.276"	1.437" - 1.484"	.0118" - .0276"
LOOM112-BOX	1 1/2"	150 ft	1.50" - 1.528"	1.858" - 1.925"	.0118" - .0276"
LOOM2-BOX	2"	100 ft	1.980" - 2.035"	2.343" - 2.409"	.0118" - .0276"

Polyethylene Split Loom

Minimum order of 10 feet

Spool Part Number	Size	Length	Inside Diameter	Outside Diameter	Wall Thickness
LOOM14PE-SPOOL	1/4"	250 ft	.236" - .264"	.376" - .400"	.0047" - .0193"
LOOM38PE-SPOOL	3/8"	250 ft	.337" - .632"	.491" - .516"	.0059" - .0217"
LOOM12PE-SPOOL	1/2"	250 ft	.484" - .509"	.670" - .695"	.0071" - .0228"
LOOM58PE-SPOOL	5/8"	100 ft	.605" - .630"	.790" - .836"	.0083" - .0240"
LOOM34PE-SPOOL	3/4"	100 ft	.730" - .755"	.960" - .985"	.0094" - .0252"
LOOM1PE-SPOOL	1"	50 ft	1.000" - 1.039"	1.278" - 1.306"	.0118" - .0276"

Box Part Number	Size	Length	Inside Diameter	Outside Diameter	Wall Thickness
LOOM14PE-BOX	1/4"	10,000 ft	.236" - .264"	.376 - .400	.0047 - .0193"
LOOM38PE-BOX	3/8"	5000 ft	.337" - .632"	.491 - .516	.0059 - .0217"
LOOM12PE-BOX	1/2"	4000 ft	.484" - .509"	.670 - .695	.0071 - .0228"
LOOM58PE-BOX	5/8"	2500 ft	.605" - .630"	.790 - .836	.0083 - .0240"
LOOM34PE-BOX	3/4"	2000 ft	.730" - .755"	.960 - .985	.0094 - .0252"
LOOM1PE-BOX	1"	300 ft	1.00" - 1.039"	1.278 - 1.306	.0118 - .0276"
LOOM114PE-BOX	1 1/4"	250 ft	1.25" - 1.276"	1.437 - 1.484	.0118 - .0276"
LOOM112PE-BOX	1 1/2"	150 ft	1.50" - 1.528"	1.858 - 1.925	.0118 - .0276"
LOOM2PE-BOX	2"	100 ft	1.980" - 2.035"	2.343 - 2.409	.0118 - .0276"

Additional Cable Tie Tension Tools Available

Cable Tie Tension Tools

Panduit GTS-E Cable Tie Tool installs and trims miniature, intermediate, and standard cross section nylon ties from .070" (1.8mm) to .190" (4.8mm) wide

- Lightweight, ergonomic design speeds installation and reduces user fatigue
- Low handle force
- Flush tie cut-off eliminates sharp edges, improves safety
- Adjustable tension
- Impact resistant resin housing

Part Number
GTS-E

- Use with miniature, intermediate, and standard cross section nylon ties from 3/32" (2.3mm) to 11/32" (8.73mm) wide, and up to 1.6mm thick
- Adjustable tension
- Neatly fastens and cuts tie in one action
- Flush cut-off eliminates sharp edges on ties.
- Ergonomic handle and trigger
- Aluminum body

RoHS compliant

Part Number
CP-382

WIRE MANAGEMENT

Flexo® PET Expandable Braided Sleeving

FLEXO® PET (PT) Braided Sleeving
is used in electronics, automotive, marine and industrial wire harnessing applications where cost efficient and durability are critical. The unique braided construction and wide expandability—up to 150%—allows quick and easy installation over large connectors and long runs. PT can be found in applications ranging from small office/home office to high tech wire and cable harnesses.

PT is braided from 10mm polyethylene terephthalate (PET) monofilament yarns. The material has an operating temperature range of -75°C (-103°F) to 125°C (257°F), and is resistant to chemical degradation, UV radiation, cuts and abrasions.

General Purpose Braided Sleeving

Part Number	Nominal Size	Expansion Min Range	Expansion Max Range	Spool Size	Available Colors
PET18-**BB**	1/8"	3/32"	1/4"	225'	All 19 colors pictured below
PET14-**BB**	1/4"	1/8"	7/16"	200'	All 19 colors pictured below
PET38-**BB**	3/8"	3/16"	5/8"	125'	All 19 colors pictured below
PET12-**BB**	1/2"	1/4"	3/4"	100'	All 19 colors pictured below
PET58-**BB**	5/8"	3/8"	1"	100'	Red, White, Black, Carbon, Green, Blue
PET34-**BB**	3/4"	1/2"	1 1/4"	75'	All 19 colors pictured below
PET1-**BB**	1"	5/8"	1 5/8"	65'	Purple, Blue, Black, Green, Gray, Red
PET114-**BB**	1 1/4"	3/4"	1 3/4"	50'	All 19 colors pictured below
PET112-**BB**	1 1/2"	1"	2 1/2"	40'	All 19 colors pictured below
PET134-**BB**	1 3/4"	1 1/4"	2 3/4"	30'	All 19 colors pictured below
PET2-**BB**	2"	1 1/2"	3 1/2"	50'	All 19 colors pictured below
PET212-**BB**	2 1/2"	1 3/4"	4 1/2"	50'	All 19 colors pictured below
PET3-**BB**	3"	2 1/2"	4 3/4"	50'	All 19 colors pictured below

TO ORDER, add desired color code **(BB)** to the part number. Example: PET18-**RD**

Available Colors:

Neon Red **NR**
Neon Pink **NP**
Neon Yellow **NY**
Neon Green **NG**
Neon Blue **NB**
Beige **BE**
Carbon **CB**
Nitrox **NX**
Patriot **PT**

Red **RD**
Orange **OR**
Yellow **YL**
Green **GN**
Blue **BL**
Purple **PP**
Clear **CL**
Black **BK**
White **WT**
Gray **GY**

-75°C TO 125°C

Flexo® PET's wide range of available colors and sizes allows easy and systematic color coding in complex wiring and cabling schemes. – The sleeving cuts easily and cleanly with a hot knife and once installed, will beautify and protect any wire, hose or cable application.

Flexo® PET Pro-Pak

BK	Black
RD	Red
CB	Carbon
NB	Neon Blue
NY	Neon Yellow
GY	Gray
BE	Beige
CL	Clear
WT	White
NP	Neon Pink
NR	Neon Red
OR	Orange
YL	Yellow
NX	Nitrox
NG	Neon Green
GN	Green
BL	Blue
PP	Purple

General Purpose Braided Sleeving

Base Part Number	Diameter	Length
PET18-**BB**-BP	1/8"	50'
PET14-**BB**-BP	1/4"	45'
PET38-**BB**-BP	3/8"	30'
PET12-**BB**-BP	1/2"	24'
PET34-**BB**-BP	3/4"	15'

TO ORDER, add desired color code **(BB)** to the part number. Example: PET18-**YL**-BP

Flexo F6® Wrappable Split Braided Tube

Flexo F6® has a unique split, semi-rigid braided construction that makes it the ideal solution where ease of installation is of primary importance.

The lateral split allows the tube to open up to accommodate a wide variety of bundling requirements, and the semi-rigid braid simply closes around the entire installation without the need for any additional fasteners.

The 10 mm PET braid is lightweight, quiet and flexible. The 25% edge overlap (at nominal diameter) allows coverage around inline plugs, connectors and splices. F6 will bend to a tight radius without distorting or splitting open. And, unlike full rigid tubing, F6 will not impair or affect the flexibility of harnesses.

Large 25% edge overlap allows easy installation over splices and inline connectors without exposing wires and cables

F6 Semi-Rigid Split Braid

Part Number	Nominal Size	Package Quantity
FLEXO-18	1/8"	100'
FLEXO-14	1/4"	100'
FLEXO-38	3/8"	75'
FLEXO-12	1/2"	75'
FLEXO-34	3/4"	50'
FLEXO-1	1"	50'
FLEXO-112	1 1/2"	25'
FLEXO-2	2"	25'

Available in Black only.

Dispenser Box Packaging
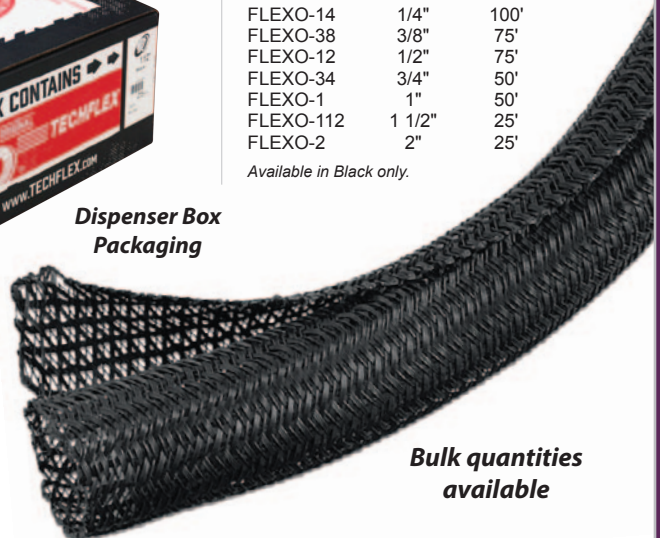
Bulk quantities available
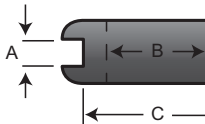
Rubber Grommets

1/16" Panel Thickness

1/8" Panel Thickness

3/16" Panel Thickness

1/4" Panel Thickness
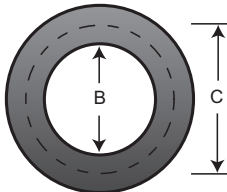
Rubber Grommets Service Kit available —see page 91

1/16" to 1/4" Panel Thickness

Part Number	Panel Thickness (A)	Inside Diameter (B)	Hole Size (C)
RG100	1/16"	1/16"	3/16"
RG102	1/16"	1/8"	1/4"
RG104	1/16"	3/16"	5/16"
RG106	1/16"	1/4"	3/8"
RG108	1/16"	5/16"	7/16"
RG110	1/16"	5/16"	9/16"
RG112	1/16"	3/8"	1/2"
RG114	1/16"	3/8"	5/8"
RG116	1/16"	7/16"	9/16"
RG118	1/16"	7/16"	11/16"
RG120	1/16"	1/2"	13/16"
RG122	1/16"	9/16"	13/16"
RG124	1/16"	5/8"	7/8"
RG126	1/16"	3/4"	7/8"
RG128	1/16"	3/4"	1 1/16"
RG130	1/16"	7/8	1 1/4"
RG132	1/16"	1"	1 3/8"
RG134	1/16"	1 1/2"	1 3/4"
RG136	1/16"	2 1/8"	2 1/2"
RG150	1/8"	3/16"	1"
RG152	1/8"	1/4"	3/8"
RG154	1/8"	3/8"	17/32"
RG156	1/8"	3/8"	5/8"
RG158	1/8"	1/2"	3/4"
RG160	1/8"	5/8"	7/8"
RG162	1/8"	11/16"	1"
RG164	1/8"	3/4"	1 1/16"
RG166	1/8"	7/8"	1 1/4"
RG168	1/8"	1"	1 3/8"
RG170	1/8"	1 1/2"	1 3/4"
RG172	1/8"	2 1/8"	2 1/2"
RG180	3/16"	1/4"	7/16"
RG182	3/16"	3/8"	5/8"
RG184	3/16"	1/2"	13/16"
RG186	3/16"	7/8"	1 1/4"
RG187	3/16"	1"	1 3/8"
RG188	3/16"	1 1/2"	1 3/4"
RG192	1/4"	3/4"	1 1/16"
RG194	1/4"	1"	1 3/8"
RG196	1/4"	1 1/2"	1 3/4"

10-piece minimum. Bulk quantities available.

All Fit Bushings
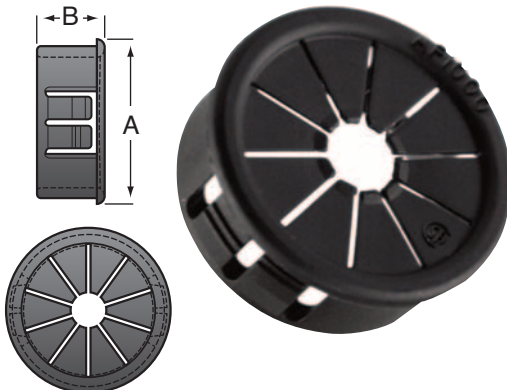
All Fit Bushings

Panel Thickness up to 1/8" - Multiple Locking Steps

Bag of 100 Part Number	Packaged Part Number	Packaged Quantity	Mounting Hole Diameter	Maximum Inside Diameter	A Head Diameter	B Overall Height
AFB-0625	AFB-0625-PKG	10	5/8"	.437"	.730"	.406"
AFB-0750	AFB-0750-PKG	10	3/4"	.500"	.844"	.390"
AFB-0812	AFB-0812-PKG	10	13/16"	.500"	.890"	.390"
AFB-0875	AFB-0875-PKG	10	7/8"	.562"	.937"	.453"
AFB-1000	AFB-1000-PKG	5	1"	.750"	1.06"	.441"
AFB-1093	AFB-1093-PKG	5	1 3/32"	.812"	1.160"	.453"

Press Fit Bushings

Single Locking Step

Multiple Locking Steps

Press Fit Bushings — Sold in bags of 100, or packaged in smaller quantities

Panel Thickness up to 1/16" - Single Locking Step

Bag of 100 Part Number	Packaged Part Number	Package Quantity	Mounting Hole Diameter	A Inside Diameter	B Head Diameter	C Overall Height
PFB-250	PFB-250-PKG	20	1/4"	.140"	.312"	.312"

Panel Thickness up to 1/8" - Multiple Locking Steps

Bag of 100 Part Number	Packaged Part Number	Package Quantity	Mounting Hole Diameter	A Inside Diameter	B Head Diameter	C Overall Height
PFB-375	PFB-375-PKG	20	3/8"	.187"	.468"	.406"
PFB-500	PFB-500-PKG	20	1/2"	.312"	.578"	.406"
PFB-750	PFB-750-PKG	10	3/4"	.500"	.850"	.406"
PFB-1000	PFB-1000-PKG	10	1"	.766"	1.125"	.453"
PFB-1093	PFB-1093-PKG	5	1 3/32"	.875"	1.218"	.453"
PFB-1250	PFB-1250-PKG	5	1 1/4"	.937"	1.359"	.453"
PFB-1375	PFB-1375-PKG	5	1 3/8"	1.014"	1.490"	.453"
PFB-1500	PFB-1500-PKG	5	1 1/2"	1.062"	1.609"	.453"
PFB-2000	PFB-2000-PKG	2	2"	1.640"	2.125"	.453"

Hole Plugs

Hole Plugs — Sold in bags of 100, or packaged in smaller quantities

Panel Thickness up to 1/16" - Single Locking Step

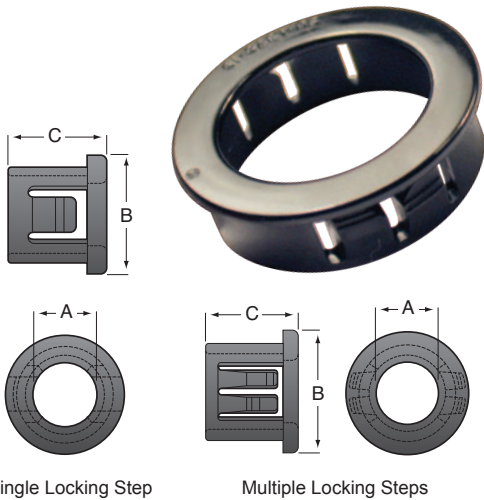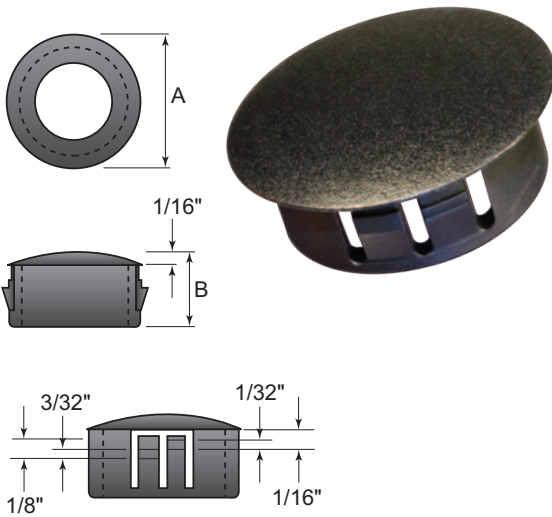| Bag of 100 Part Number	Packaged Part Number	Package Quantity	Mounting Hole Diameter	A Head Diameter	B Overall Height
HPC-187-1	HPC-187-PKG	20	3/16"	.250"	.234"
HPC-250-1	HPC-250-PKG	20	1/4"	.312"	.312"
HPC-312-1	HPC-312-PKG	20	5/16"	.375"	.312"

Panel Thickness up to 1/8" - Multiple Locking Steps

Bag of 100 Part Number	Packaged Part Number	Package Quantity	Mounting Hole Diameter	A Head Diameter	B Overall Height
HPC-375-1	HPC-375-PKG	20	3/8"	.468"	.406"
HPC-437-1	HPC-437-PKG	20	7/16"	.531"	.406"
HPC-500-1	HPC-500-PKG	15	1/2"	.578"	.406"
HPC-562-1	HPC-562-PKG	15	9/16"	.656"	.406"
HPC-625-1	HPC-625-PKG	15	5/8"	.718"	.406"
HPC-687-1	HPC-687-PKG	10	11/16"	.781"	.406"
HPC-750-1	HPC-750-PKG	10	3/4"	.922"	.406"
HPC-812-1	HPC-812-PKG	10	13/16"	.890"	.406"
HPC-875-1	HPC-875-PKG	10	7/8"	1.106"	.453"
HPC-1000-1	HPC-1000-PKG	10	1"	1.203"	.453"
HPC-1093-1	HPC-1093-PKG	10	1 3/32"	1.218"	.453"
HPC-1187-1	HPC-1187-PKG	10	1 3/16"	1.312"	.453"
HPC-1250-1	HPC-1250-PKG	10	1 1/4"	1.375"	.453"
HPC-1375-1	HPC-1375-PKG	5	1 3/8"	1.500"	.453"
HPC-1500-1	HPC-1500-PKG	5	1 1/2"	1.672"	.453"
HPC-1750-1	HPC-1750-PKG	5	1 3/4"	1.906"	.453"
HPC-2000-1	HPC-2000-PKG	5	2"	2.140"	.453"

Hole Plugs Service Kit available —see page 91

WIRE MANAGEMENT

Liquidtight Conduit

Features

• Flexible in tight applications
• Resists corrosion, oil, and water, liquid tight with specified fittings
• Fast installation—smooth inner surface allows easy wire pulling
• Good tensile strength provides excellent pullout protection
• UV resistant PVC
• VW-1 Flammability Rating
• Broad operating temperature range of -4°F to 158°F (-18°C to 70°C)
• UL Recognized, CSA Certified

Applications

• Suitable for use in high vibration or flexing applications
• Alternative energy systems
• Exterior/interior power systems
• Marine and shipboard wiring
• Indoor/outdoor lighting
• Protection for fiber optic cable
• Installation of control and instrumentation cable
• Flexing-component wiring protection on robots, graphic arts equipment, etc.

-18°C TO 70°C

Non-metallic Liquidtight Conduit

Part Number	Conduit Size	Min ID	Max ID	Min OD	Max OD
EFC025	1/4"	.390"	.405"	.560"	.575"
EFC038	3/8"	.484"	.504"	.690"	.710"
EFC050	1/2"	.622"	.642"	.820"	.840"
EFC075	3/4"	.820"	.840"	1.030"	1.050
EFC100	1"	1.041"	1.066"	1.290"	1.315"
EFC125	1 1/4"	1.380"	1.410"	1.630"	1.660"
EFC150	1 1/2"	1.575"	1.600"	1.865"	1.900"
EFC200	2"	2.020"	2.045"	2.340"	2.375"

Cable Glands

Non-Metallic Polyamide Cable Glands have a sturdy cable sealing mechanism that gives superior strain relief. Compact size allows quick and easy installation in cramped spaces. Excellent impact, chemical, and corrosion resistance. Long-thread. Nylon locknuts included.

• Watertight seal, rated up to IP 68-5 BAR
• Working temperatures: -20°C (-13°F) to 100°C (212°F) continuous, -40°C (-40°F) static short term
• UL Listed, C-UL Listed for certain cable ranges
• Flame retardant UL 94VO
• Wide clamping ranges

-40°C TO 100°C

Nylon Cable Glands

Part Number	Color	Thread Size	Cord Range In.	Cord Range mm	Thread Length In.	Thread Length mm
CC-NPT38-B	Black	3/8"	.197 - .394	5 - 10	.590	15
CC-NPT12-B	Black	1/2"	.394 - .551	10 - 14	.590	15
CC-NPT34-B	Black	3/4"	.512 - .709	13 - 18	.590	15
CC-NPT1-B	Black	1"	.709 - .984	18 - 25	.709	18

Locknuts

Steel and Nylon 6/6 Locknuts feature NPS threads for use with NPT threaded Liquidtight fittings. Nylon locknuts have a 94V-2 flammability rating and -22°F (-30°C) to 221°F (105°C) operating temperature.

Steel

Part Number	Size
LNS-38	3/8"
LNS-12	1/2"
LNS-34	3/4"
LNS-1	1"
LNS-1-14	1 1/4"
LNS1-12	1 1/2"
LNS-2	2"

Black Nylon 6/6

Part Number	Size
LN-501	1/2"
LN-502	3/4"
LN-503	1"

Liquidtight Fittings

Straight

90° Elbow

Straight Liquidtight Fitting

Part Number	Trade Size	Thread Size	A Clearance Hole In.	mm	B Max. O.A. Length In.	mm	C Thread Length In.	mm	D Wrenching Nut Thickness In.	mm	E Wrenching Flat Size In.	mm
LT50P	1/2	1/2 NPT	0.875	22.2	1.960	49.8	0.630	16.0	0.250	6.3	1.328	33.7
LT75P	3/4	3/4 NPT	1.109	28.1	2.040	52.8	0.630	16.0	0.250	6.3	1.562	39.6
LT100P	1	1 NPT	1.375	34.9	2.250	57.2	0.780	19.8	0.250	6.3	1.812	46.0
LT125P	1 1/4	1 1/4 NPT	1.734	44.0	2.070	52.6	0.685	17.4	0.250	6.3	2.150	54.6
LT150P	1 1/2	1 1/2 NPT	1.984	50.4	2.280	57.9	0.780	19.8	0.275	7.0	2.400	61.0
LT200P	2	2 NPT	2.469	62.7	2.260	66.0	0.850	21.6	0.312	7.9	2.980	75.6

90° Elbow Liquidtight Fitting

Part Number	Trade Size	Thread Size	A Clearance Hole In.	mm	B Max. O.A. Length In.	mm	C Max. O.A. Length In.	mm	D Thread Length In.	mm
LT950P	1/2	1/2 NPT	0.875	22.2	1.982	50.3	2.912	73.9	0.520	13.2
LT975P	3/4	3/4 NPT	1.109	28.1	2.293	58.2	3.172	80.5	0.520	13.2
LT9100P	1	1 NPT	1.375	34.9	2.833	71.9	3.964	100.6	0.690	17.5
LT9125P	1 1/4	1 1/4 NPT	1.734	44.0	4.100	104.1	4.725	104.1	0.760	19.3
LT9150P	1 1/2	1 1/2 NPT	1.984	50.4	4.750	120.7	5.200	132.1	0.800	20.3
LT9200P	2	2 NPT	2.469	62.7	5.420	137.7	5.800	147.3	0.860	21.8

Suggested clearance hole size for non-thread mounting
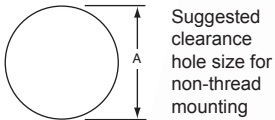
Liquidtight conduit and fittings in use at a wind/solar installation in rural Alaska

Liquidtight Fittings of all Nylon 6/6 construction resist saltwater, weak acids, gasoline, alcohol, oil, grease, and common solvents. Simple and quick installation— no disassembly or threading required.

Features

• Convex ferrule ensures liquid tight seal
• Locknut and O-ring included
• Protection class IP 68 up to 70 psi (5 bar) water pressure
• 94V-2 Flammability Rating
• Suitable for indoor/outdoor use at -22°F (-30°C) to 221°F (105°C)
• UL Listed E28432, CSA Certified

-30°C TO 105°C

Pro Grade PVC Electrical Tape

StrongHold™ Professional Grade Electrical Tape is a 7 mil non-corrosive, pressure sensitive vinyl electrical tape that provides high abrasion resistance with easy application over a range of temperatures. Flame retardant and cold resistant, with excellent elasticity and insulating properties. High-elongation. Protects against abrasion, water, oil, and other corrosive chemicals. Suitable as primary insulation when splicing up to 600 Volts. Can be used as protective jacketing.

StrongHold™ Pro Grade Tape is offered in black (ST-43) and in nine colors for color coding (ST35). Packaged individually in clear plastic storage pucks.

- 7 mil thickness
- 0°F to 221°F (-18°C to 105°C)
- 260% elongation typ
- 30 N/cm breaking strength typ
- 2.2 N/cm sticking power typ (adhesion to steel at 72° F)

StrongHold ST43

3/4" x 66' x .007"
19mm x 20m x .177mm

Part Number	Color
ST43	● Black

StrongHold ST35

3/4" x 66' x .007"
19mm x 20m x .177mm

Part Number	Color
ST35-WHITE	○ White
ST35-GREEN	● Green
ST35-GRAY	● Gray
ST35-RED	● Red
ST35-VIOLET	● Violet
ST35-BLUE	● Blue
ST35-ORANGE	● Orange
ST35-BROWN	● Brown
ST35-YELLOW	● Yellow

-18°C TO 105°C

UL CSA RoHS compliant

General Purpose PVC Electrical Tape

StrongHold™ General Purpose PVC Electrical Tape is an economical 7 mil, high-elongation vinyl tape with non-corrosive, pressure sensitive rubber adhesive. Excellent conformability properties. Abrasion and weather-resistant. Excellent mechanical and electrical insulation properties. Wraps smoothly and holds tight over a wide temperature range. Suitable as primary insulation when splicing up to 600 Volts or 80°C (176°F).

StrongHold™ General Purpose comes in black (ST14) and in nine colors for color coding (ST17). Individual cellophane wrapped rolls.

- 7 mil thickness
- 14°F to 176°F (-10°C to 80°C)
- 200% elongation typ
- 25 N/cm breaking strength typ
- 1.6-1.8 N/cm sticking power typ (adhesion to steel at 72° F)

StrongHold ST14

3/4" x 60' x .007"
19mm x 18m x .177mm

Part Number	Color
ST14	● Black

StrongHold ST17

3/4" x 66' x .007"
19mm x 20m x .177mm

Part Number	Color
ST17-WHITE	○ White
ST17-GREEN	● Green
ST17-GRAY	● Gray
ST17-RED	● Red
ST17-VIOLET	● Violet
ST17-BLUE	● Blue
ST17-ORANGE	● Orange
ST17-BROWN	● Brown
ST17-YELLOW	● Yellow

-10°C TO 80°C

UL CSA RoHS compliant

Heavy Duty PVC Electrical Tape

StrongHold™ Heavy Duty PVC Electrical Tape applies easily and provides a high level of performance over a range of temperatures. Protects against abrasion, water, oil, and other corrosive chemicals. Flame retardant, UV resistant, cold resistant, non-corrosive, lead free. Suitable as primary insulation when used for splicing up to 600 Volts or 80°C (176°F) and can be used as protective outer jacket in low temperature applications.

- 8.5 mil thickness
- 0°F to 221°F (-18°C to 105°C)
- 300% elongation typ
- 30 N/cm breaking strength typ
- 2.2 N/cm sticking power typ (adhesion to steel at 72° F)

-18°C TO 105°C

RoHS compliant

StrongHold ST88

3/4" x 66 x .0085"
19mm x 20m x .21mm

Part Number	Color
ST88	● Black

2" x 66' x .0085"
50.8mm x 20.1m x .021mm

Part Number	Color
ST88-2	● Black

Self-Fusing Silicone Tape

Wrap 'N Seal Self-Fusing Silicone Tape self fuses and cures in 24 hours to form a permanent, moisture-tight seal. Ideal for high temperature and marine use.

- Has no adhesive lining, applying cleanly with no sticky residue
- Center ridge acts as a wrapping guide for a uniform application

-65°C TO 260°C

Wrap 'N Seal Tape

1" x 20'
25.4mm x 6.1m

Part Number	Color
SW-BLK	● Black
SW-WHT	○ White
SW-GRN	● Green
SW-GRY	● Gray
SW-RED	● Red
SW-BLU	● Blue
SW-ORG	● Orange
SW-CLR	○ Clear
SW-YEL	● Yellow
SW-GLO	○ Glow in the Dark

Sealant Tape

Canusa® CTSB-2 Rubber Based Sealant Tape is specially designed for use with heat shrink tubing. This nonconductive material softens to fill voids, provides a superior waterproof seal, remains flexible over time,and provides excellent adhesion to PVC, PE, and steel.

-30°C TO 85°C

CTSB-2 Sealant Tape

2" x 25'
50.8mm x 7.62m

Part Number	Color
CTSB-2	● Black

Canusa® CTSG-1 Sealant Tape is a crosslinked, gray butyl tape suitable for continuous high temperature applications. This nonconductive material environmentally seals areas and tubing, smooths transitions and protects sharp edges, and is resistant to common fluids and solvents.

-30°C TO 105°C

CTSG-1 Sealant Tape

1" x 25'
25.4mm x 7.62m

Part Number	Color
CTSG-1	● Gray