

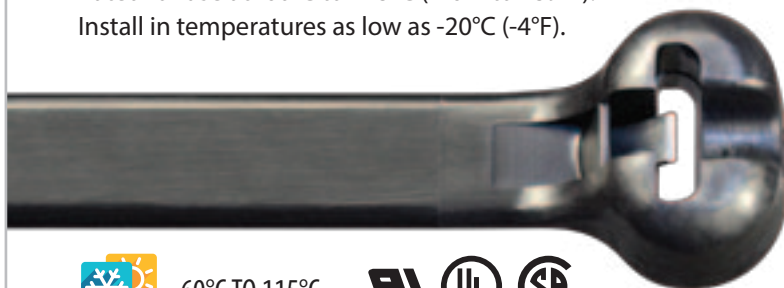
Weather Resistant Nylon Cable Ties

WIRE MANAGEMENT

Dome-Top® Barb Ty Cable Ties

Cable Tie Tensioning Tools available
online at store.polarwire.com

Weather Resistant Ties offer greater resistance to damage caused by ultraviolet light and are suitable for indoor and outdoor use. High strength, 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. Rated for use at -60°C to 115°C (-76°F to 239°F). Install in temperatures as low as -20°C (-4°F).



-60°C TO 115°C



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 71

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)



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 approximately actual size, except length as indicated

WIRE MANAGEMENT

Heat Stabilized Nylon Cable Ties

Dome-Top® Barb Ty Cable Ties

Cable Tie Tensioning Tools available
online at store.polarwire.com

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.



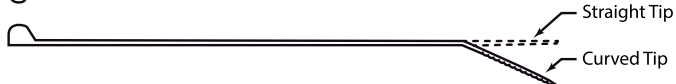
-60°C TO 115°C



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
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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



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.








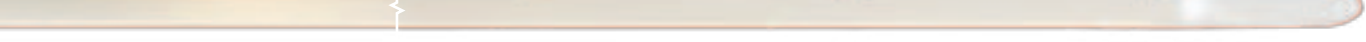






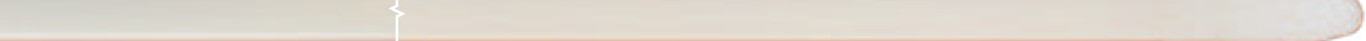
Features

- 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)

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 approximately actual size, except length as indicated

Electrical and Sealing Tape

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
- -18°C to 105°C (0°F to 221°F)
- 260% elongation typ
- 30 N/cm breaking strength typ
- 2.2 N/cm sticking power typ, adhesion to steel at 22°C (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



General Purpose PVC Electrical Tape

StrongHold™ General Purpose PVC Electrical Tape is an economical 7 mil, high-elongation vinyl tape with a 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
- -10°C to 80°C (14°F to 176°F)
- 200% elongation typ
- 25 N/cm breaking strength typ
- 1.6-1.8 N/cm sticking power typ, adhesion to steel at 22°C (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



Heavy Duty PVC Electrical Tape

StrongHold™ Heavy Duty PVC Electrical Tape

is an all-weather, pressure sensitive vinyl electrical tape that applies easily and provides a high level of performance over a range of temperatures.

ST88 Heavy Duty Tape protects against abrasion, water, oil, and other corrosive chemicals. The tape is UL 510 flame retardant, UV resistant, cold resistant, non-corrosive, and lead free.

ST88 is suitable as primary insulation when used for splicing up to 600 Volts or 80°C (176°F) and can be used as a protective outer jacket over splices in low temperature applications.

3/4" and 2" widths.
Individual cellophane wrapped rolls.

- 8.5 mil thickness
- -18°C to 105°C (0°F to 221°F)
- 300% elongation typ
- 30 N/cm breaking strength typ
- 2.2 N/cm sticking power typ, adhesion to steel at 22°C (72° F)



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

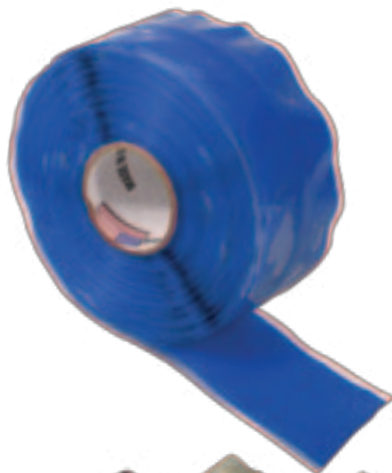


-18°C TO 105°C



STRONGHOLD
CONTRACTOR PRODUCTS

Self-Fusing Silicone Tape



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

- No adhesive—applies cleanly with no sticky residue
- Seamless, self fusing and begins curing immediately
- Center ridge wrapping guide for uniform application
- Excellent insulator with high dielectric strength
- -53°C to 260°C+ (-65°F to 500°F+) operating temp
- 700 PSI tensile strength
- 300% Elongation



-53°C TO OVER 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

