

**NEW!**

# Weather Resistant Polypropylene Spiral Wrap

**PANDUIT®**

SPECIFICATION SHEET

## specifications

Mechanical and chemical attributes of weather resistant polypropylene spiral wrap shall provide cable/hose abrasion protection with a maximum operating temperature of 239°F (115°C) and provide superior resistance to chemical attack when exposed to various concentrations of salts, bases and acids. The material shall be UV stabilized for superior weather resistance.



## technical information

<b>Tensile @ yield @ 73°F (psi):</b>	4000 per ASTM D638	
<b>Water absorption (24 hours):</b>	0.1% per ASTM D570	
<b>Weathering life expectancy (years)/ UV resistance:</b>	10+ years/Weather Resistant	
<b>Max. continuous use temperature:</b>	239°F (115°C) per UL 746B	
<b>Heat deflection temperature @ 1.8 Mpa:</b>	124°F (51°C) per ASTM D648 ISO 75 -1/-2	
<b>Chemical resistance:</b>	Salts	Excellent
	Hydrocarbons (Gas, Oil, Lubricants)	Good
	Chlorinated Hydrocarbons	Good
	Acids	Excellent
	Bases	Excellent
	Acid Rain	Excellent
<b>Impact resistance:</b>	Notched Izod Impact per ISO 180, 75 kJ/m <sup>2</sup> at 23°C, 8.4 kJ/m <sup>2</sup> at -40°C	

### Weather Resistant Polypropylene Spiral Wrap

**Outside diameter .38" (9.5mm):** T38P-C0

**Outside diameter .50" (12.7mm):** T50P-C0

**Outside diameter 1.00" (25.4mm):** T100P-C0

## key features and benefits

<b>Polypropylene material</b>	Withstands high temperature conditions 239°F (115°C) required for outdoor applications; resistant to chemical attack when exposed to salts, bases, and acids in various concentrations to maintain performance in harsh conditions
<b>Black color with ultraviolet inhibitor (UV weather resistant)</b>	Allows product to withstand exposure to sunlight; contributes to weathering life expectancy (10+ years)
<b>Spiral wrap design</b>	Provides cable/hose abrasion protection; harnesses multiple cables and hoses into a single manageable bundle, allows breakouts of single/multiple cables

## applications

Weather resistant polypropylene spiral wrap is used to protect cables/hoses in harsh environment applications requiring UV/ weather resistance, and withstand high

temperatures such as in wind turbines and solar applications. Also ideal for applications requiring superior chemical resistance such as in the chemical processing industry.

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# Weather Resistant Polypropylene Spiral Wrap

## ordering information

Part Number	Material	Color	Length Per Reel		Bundle Diameter Range		Outside Diameter		Temperature Range		Wall Thickness		Std. Pkg. Qty.
			Ft.	m	In.	mm	In.	mm	In.	mm	In.	mm	

### Weather Resistant Polypropylene Spiral Wrap

T38P-C0	Weather Resistant Polypropylene	Black	100	30.5	5/16 to 3	7.9 to 76.2	.38	9.5	-40°F to 239°F (-40°C to 115°C)	.03	.76	1
T50P-C0					3/8 to 4	9.5 to 101.6	.50	12.7				1
T100P-C0					7/8 to 6	22.2 to 152.4	1.00	25.4				1

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