



# DATA SHEET

## SPIRAP PLASTIC CABLE WRAP TECHNICAL DATA SHEET

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### INTRODUCTION

SPIRAP plastic wrap is a very practical way to bundle and harness cable, wire, tubing and hoses. Economical and quickly applied, it provides continuous abrasion protection. SPIRAP plastic wrap is pre-wound in continuous lengths; it can accommodate a wide range of wire bundle diameters. After application to cable bundles, the SPIRAP self-contracts to form a tight, uniform protective jacket for wire, cable, tubing or hoses. It is made of different materials to meet a range of requirements.



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- Public

DATA SHEET

SPIRAP PRODUCT CHARACTERISTICS

SPIRAP Plastic Cable Wrap									
Color (Material)	Part Number	External Diameter	Internal Diameter	Wall Thickness	Length per Box	Max Bundle Diameter Range	Helical Pitch	Operating Temperature	Drawing Number
Natural (Polyethylene)	500000-1	0.126in 3.2mm	0.064in 1.62mm	0.031in 0.79mm	50ft 15.24m	0.63 – 0.500in 1.59 – 12.70mm	0.122in 5.54mm	-94 to 178°F -70 to 81°C	500000
	500000-2				100ft 30.48m				
	500001-1	0.250in 6.4mm	0.162in 4.12mm	0.045in 1.14mm	50ft 15.24m	0.188 – 2.000in 4.76 – 50.80mm	0.375in 9.53mm		500001
	500001-2				100ft 30.48m				
	500002-1	0.500in 12.7mm	0.376in 9.56mm	0.062in 1.57mm	50ft 15.24m	0.375 – 4.000in 9.53 – 101.6mm	0.500in 12.7mm		500002
	142829-4	0.120in 3.0mm	0.060in 1.5mm	0.023in 0.75mm	246ft 75m	0.060 – 0.275in 1.5 – 7.0mm	0.200in 5.00mm		142829
	142830-2	0.36in 6.0mm	0.160in 4.0mm	0.040in 1.0mm	98ft 30m	0.200in – 0.787in 5 – 20mm	0.472in 12.00mm		142830
	142835-2	0.36in 6.0mm	0.200in 4.8mm	0.023in 0.6mm					142835
	142831-1	0.472in 12.0mm	0.354in 9.0mm	0.060in 1.5mm	50ft 15.4m	0.393in – 3.937in 10 – 100mm	0.630in 16.00mm		142831
Opaque White (Polyethylene)	500004-1	0.250in 6.4mm	0.162in 4.12mm	0.045in 1.14mm	50ft 15.24m	0.188 – 2.000in 4.76 – 50.80mm	0.375in 9.53mm	-105 to 215°F -76 to 102°C	500004
	500005-1	0.500in 12.7mm	0.376in 9.56mm	0.062in 1.57mm	50ft 15.24m	0.375 – 4.000in 9.53 – 101.6mm	0.500in 12.7mm		500005
Natural (Nylon)	500013-1	0.126in 3.2mm	0.096in 2.44mm	0.015in 0.38mm	50ft 15.24m	0.63 – 0.500in 1.59 – 12.70mm	0.122in 5.54mm	-40 to 185°F -40 to 85°C	500013
	500013-2				100ft 30.48m				
	500015-1	0.250in 6.4mm	0.206in 5.24mm	0.023in 0.58mm	50ft 15.24m	0.188 – 2.000in 4.76 – 50.80mm	0.375in 9.53mm		500015
	500017-1	0.500in 12.7mm	0.436in 11.08mm	0.032in 0.81mm		0.375 – 4.000in 9.53 – 101.6mm	0.500in 12.7mm		500017
Natural (Fluoropolymer)	500023-1	0.126in 3.2mm	0.086in 2.18mm	0.020in 0.51mm	50ft 15.24m	0.0626 – 0.500in 1.59 – 12.70mm	0.122in 5.54mm	-328 to 500°F -200 to 260°C	500023
	500023-2				100ft 30.48m				
	500024-1	0.250in 6.4mm	0.176in 4.48mm	0.0230in 0.76mm	50ft 15.24m	0.188 – 2.000in 4.76 – 50.80mm	0.375in 9.53mm		500024
Black (Outdoor Polyethylene)	500030-1	0.250in 6.4mm	0.162in 4.12mm	0.045in 1.14mm	50ft 15.24m	0.188 – 2.000in 4.76 – 50.80mm	0.375in 9.53mm	-94 to 178°F -70 to 81°C	500030
	500031-1	0.500in 12.7mm	0.376in 9.56mm	0.062in 1.57mm		0.375 – 4.000in 9.53 – 101.6mm	0.500in 12.7mm		500031

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## SPIRAP PRODUCT CHARACTERISTICS (Continued)

SPIRAP Plastic Cable Wrap									
Color (Material)	Part Number	External Diameter	Internal Diameter	Wall Thickness	Length per Box	Max Bundle Diameter Range	Helical Pitch	Operating Temperature	Drawing Number
Black (Polyethylene)	142839-4	0.120in 3.0mm	0.060in 1.5mm	0.023in 0.75mm	246ft 75m	0.060 – 0.275in 1.5 – 7.0mm	0.200in 5.00mm	-58 to 185°F -50 to 85°C	142839
	142840-2	0.36in 6.0mm	0.160in 4.0mm	0.040in 1.0mm	98ft 30m	0.200in – 0.787in 5 – 20mm	0.472in 12.00mm		142840
	142841-1	0.472in 12.0mm	0.354in 9.0mm	0.060in 1.5mm	50ft 15.24m	0.393in – 3.937in 10 – 100mm	0.630in 16.00mm		142841

### HAND TOOL

A small hand tool is available to make application easier and more uniform.

SPIRAP Hand Tool Part Number 500901 is included in each box, the SPIRAP Hand Tool increases the speed of application and permits uniform wrapping along the bundle length. The hand tool is slotted to use with all the above size of SPIRAP tubing. The hand tool can also be purchased separately.



Figure 1, SPIRAP HAND TOOL

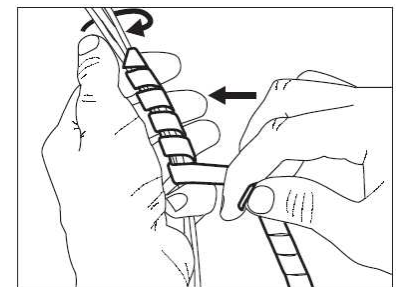
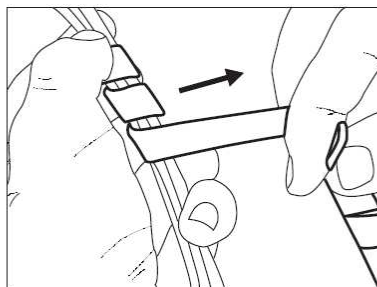
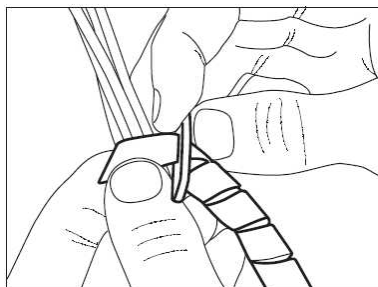


Figure 2, SPIRAP HAND TOOL INSTRUCTIONS (included with each tool)

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