

# BRAIDED WIRE PROTECTION

## Bulk tubular non-metallic braid for wire harness protection

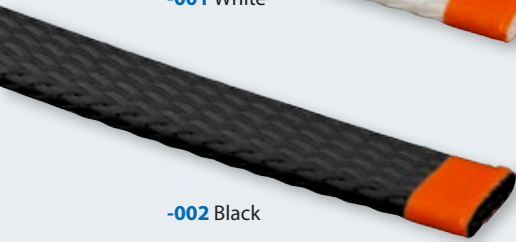


### 102-001 and -002 expandable polyethylene tubular braid

#### EXPANDABLE POLYETHYLENE TUBULAR BRAID, WHITE (-001) AND BLACK (-002)



-001 White



-002 Black



- **Monofilament polyethylene tubular braid**
- **-55° to +125°C temperature range**
- **50,000 PSI yield tensile strength**
- **20% elongation**
- **Good chemical resistance**
- **Good abrasion resistance**

How To Order				
<b>Sample Part Number</b>	<b>102-001</b>	<b>-008</b>	<b>R</b>	<b>-645</b>
<b>Basic No.</b>	<b>102-001</b> white polyethylene braid <b>102-002</b> black polyethylene braid (see Table I)			
<b>Braid Diameter No.</b>	See Table II			
<b>Tracer color option</b>	<b>G</b> = green <b>W</b> = white <b>R</b> = red <b>Y</b> = yellow <b>Omit</b> for none			
<b>Split braid option (-002 only)</b>	<b>-645</b> (add to 102-002 black braid part number only)			

Table I					
Product Series	Color	Material	Material Dia.	Wall Thickness Nominal	Temperature Range
<b>102-001</b>	White	Polyethylene Terephthalate	.010 (0.25)	.025 (0.6)	-65°F [-54°C] to +250°F [+121°C]
<b>102-002</b>	Black				

Table II					
Dash No.	Ø Nom.	Ref. wire bundle range		Approx. Weight (grams/ft.)	Wall thickness (nominal)
		Min	Max		
<b>-004</b>	.125 (3.2)	.090 (2.3)	.250 (6.4)	.7	.025 (0.6)
<b>-006</b>	.188 (4.8)	.109 (2.8)	.318 (8.1)	1.0	
<b>-008</b>	.250 (6.4)	.125 (3.2)	.375 (9.5)	1.4	
<b>-012</b>	.375 (9.5)	.312 (7.9)	.500 (12.7)	1.9	
<b>-016</b>	.500 (12.7)	.375 (9.5)	.750 (19.1)	3.0	
<b>-020</b>	.625 (15.9)	.375 (9.5)	1.000 (25.4)	3.1	
<b>-024</b>	.750 (19.1)	.500 (12.7)	1.250 (31.8)	3.3	
<b>-032</b>	1.000 (25.4)	.625 (15.9)	1.375 (34.9)	5.8	
<b>-040</b>	1.250 (31.8)	.750 (19.1)	1.500 (38.1)	7.0	
<b>-048</b>	1.500 (38.1)	.781 (19.8)	1.750 (44.5)	8.4	
<b>-056</b>	1.750 (44.5)	.859 (21.8)	1.938 (49.2)	10.1	
<b>-064</b>	2.000 (50.8)	.937 (23.8)	2.187 (55.5)	12.6	



*Ideally suited for applications as diverse as rail transportation, marine, and military vehicles, our 102-001 and -002 polyethylene tubular braid is an economical choice with good general-purpose chemical and abrasion resistance. The monofilament material offers wide expandability for quick and easy installation over cable bundles and connectors.*

#### NOTES

1. Material - polyethylene terephthalate, .010 (0.25) dia.
2. Temperature range -54°C to +125°C

B

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