

# Routing, Protection and Insulation

## Braided Sleeving

### Braided Sleeving - Specialty

#### Polyamide 6.6 Helagaine Expandable Braided Sleeving - Gray

This lightweight protective sleeving is made from heat-stabilized monofilament strands that offer toughness and excellent resistance to abrasion. Despite its sturdy composition, Helagaine is expandable and durable and can easily be applied over irregular surfaces. Helagaine HEGPA66 is particularly suitable for vehicle manufacturing and transportation industry applications.

#### Features and Benefits

- Strand diameter is approximately 10% larger than that of polyester, allowing for greater expandability.
- Resists fuels, salts and solvents, gasoline, and other common contaminants.
- Performs well in wet applications and where abiding substrate has a smooth surface.



<b>MATERIAL</b>	Polyamide 6.6 (PA66)
<b>Operating Temperature</b>	-76°F to +302°F (-60°C to +150°C)
<b>Melting Point</b>	+491 °F (+255 °C)
<b>Abrasion Resistance</b>	High
<b>Flammability</b>	UL 94 V2



PART NO.	TYPE	Nominal Dia. in. (mm)	Min. Bundle Diameter in. (mm)	Max. Bundle Diameter in. (mm)	Color	Reel Length ft (m)	Weight lbs. (kg)
170-20400	HEGPA6604	5/32 (4.0)	0.1 (3.0)	0.2 (6.0)	Gray	656.0 (200.0)	1.1 (0.5)
170-20600	HEGPA6606	1/4 (6.0)	0.2 (4.0)	0.3 (8.0)	Gray	328.0 (100.0)	1.3 (0.59)
170-20800	HEGPA6608	5/16 (8.0)	0.2 (5.0)	0.4 (10.0)	Gray	328.0 (100.0)	1.1 (0.5)
170-21000	HEGPA6610	3/8 (10.0)	0.3 (7.0)	0.5 (12.0)	Gray	328.0 (100.0)	2.1 (0.95)
170-21200	HEGPA6612	1/2 (12.0)	0.3 (8.0)	0.6 (14.0)	Gray	328.0 (100.0)	2.4 (1.1)
170-22000	HEGPA6620	3/4 (20.0)	0.6 (15.0)	0.9 (23.0)	Gray	164.0 (50.0)	3.1 (1.4)
170-22500	HEGPA6625	1 (25.0)	0.7 (18.0)	1.1 (28.0)	Gray	164.0 (50.0)	3.9 (1.8)
170-23000	HEGPA6630	1-1/4 (30.0)	1.0 (25.0)	1.3 (32.0)	Gray	164.0 (50.0)	4.9 (2.25)
170-25000	HEGPA6650	2 (50.0)	1.6 (40.0)	2.2 (55.0)	Gray	164.0 (50.0)	10.4 (4.7)

Dimensions are approximate and subject to technical changes. Use Part No. for ordering and Type for specification purposes.