Bulk tubular non-metallic braid for wire harness protection

102-020, -021, -022, and -023 expandable Halar®

Non-Metallic Shielding
INDUSTRY-STANDARD • HIGH-TEMPERATURE

102-020, -021, -022 AND -023 HALAR® EXPANDABLE NON-METALLIC TUBULAR BRAIDED SLEEVING

102-020
White with black tracer

102-021
Black

102-022
Black with white tracer

102-023
White

How To Order			
Sample Part Number	**102-021**	**-008**	**-645**
Basic No.	**102-020** White with black tracer **102-021** Black **102-022** Black with white tracer **102-023** White		
Braid Diameter No.	See Table I		
Split braid option	**-645** add mod code for split braid		

Table I

Dash No.	Nominal I.D.	Ref. wire bundle range		Material Dia.	Wall Thickness Nominal	Spec max weight lbs. / 100 ft. [Kg/30.5m]
		Min	Max			
-004	.125 (3.2)	.090 (0.25)	.250 (6.4)	.011 (0.28)	.030 (0.8)	.29 (0.13)
-008	.250 (6.4)	.125 (0.25)	.375 (9.5)			.39 (0.18)
-012	.375 (9.5)	.250 (6.4)	.625 (15.9)			
-016	.500 (12.7)	.250 (6.4)	.750 (19.1)			1.17 (0.53)
-020	.625 (15.9)	.375 (9.5)	1.000 (25.4)			1.50 (0.68)
-024	.750 (19.1)	.500 (12.7)	1.250 (31.8)			1.81 (0.82)
-032	1.000 (25.4)	.625 (15.9)	1.375 (34.9)			
-040	1.250 (31.8)	.750 (19.1)	1.500 (38.1)			2.56 (1.16)
-048	1.500 (38.1)	.781 (19.8)	1.750 (44.5)			
-064	2.000 (50.8)	.937 (23.8)	2.125 (54.0)			

B

Non-Metallic Shielding
INDUSTRY-STANDARD • HIGH-TEMPERATURE

- **Monofilament Halar® tubular braid**
- **-65° to +150°C temperature range**
- **7,000 PSI yield tensile strength**
- **15% elongation**
- **Excellent chemical resistance**
- **Excellent abrasion resistance**
- **Very low flammability**

Halar® is a self-extinguishing tubular braided sleeving used for mid-range temperature applications. Halar® is chemically resistant to corrosive liquids including organic solvents, and has been successfully applied to applications from nuclear power plants to premise wire interconnect protection systems.

NOTES

1. Material - Halar®
2. Maximum operating temperature +150°C
3. Minimum order length is 100 ft. (30.5m)