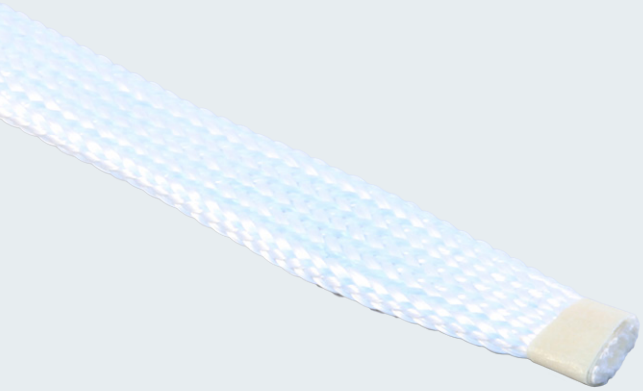
Bulk tubular non-metallic braid for wire harness protection

102-101 Ceramic tubular braid (Nextel™ 312)

102-101 CERAMIC TUBULAR BRAID (NEXTEL™ 312)



Non-Metallic Shielding
INDUSTRY-STANDARD • HIGH-TEMPERATURE

- **Nextel™ 312 ceramic tubular braid**
- **Continuous use temperature 1200°C**
- **Low elongation and shrinkage at operating temperature**
- **Low moisture absorption**
- **Good chemical resistance**
- **Good abrasion resistance**
- **Fire-resistant, will not melt**

How To Order			
Sample Part Number		**102-101**	**-016**
Basic No.	Ceramic tubular braid (Nextel 312)		
Braid Diameter No.	See Table I		

Table I: Size	
Dash No.	Nominal I.D.
-004	.125 (3.2)
-008	.250 (6.4)
-012	.375 (9.5)
-016	.500 (12.7)
-020	.625 (15.9)
-024	.750 (19.1)
-032	1.000 (25.4)

Nextel™ 312 tubular braid is composed of 312 grade continuous fiber that offers strength and flexibility, even in constant high temperature environments. Its properties include low thermal conductivity and thermal shock resistance, making it ideal for applications that require a flame barrier or thermal shield. It outperforms other high temperature textiles like aramids and fiberglass.

NOTES

1. Material - continuous Nextel™ 312 yarn is a ceramic fiber

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Dimensions in Inches (millimeters) are subject to change without notice.