

Expandable Braided Sleeving **pro-POWER**



Description

General-purpose expandable braided sleeving is used in electronics, automotive, marine and industrial wire harnessing applications where cost efficiency and durability are critical.

The unique braided construction and wide expandability allows quick and easy installation over large connectors and long runs. This sleeving can be found in applications ranging from small office/home office to high tech wire and cable harnesses.

This sleeving is braided from 10 mil polyethylene terephthalate (PET) monofilament yarns. The material has a wide operating temperature range, is resistant to chemical degradation, UV radiation, and abrasion. The sleeving cuts easily and cleanly with a hot knife and once installed, will beautify and protect any wire, hose or cable application.

Features:

- Economical and Easy to Install
- Cut and Abrasion Resistant
- Expands up to 150%
- Halogen Free
- Resists Gasoline, Engine Chemicals and Cleaning Solvents

Specifications:

Physical Properties

Monofilament Thickness (ASTM D-204)	: 0.010"
Recommended Cutting	: Hot Knife
Colours	: Neon Red
Wall Thickness	: 0.025"
Tensile Strength - Yarn (ASTM D-2265) lbs.	: 7.5
Abrasion Resistance	: Medium
Specific Gravity	: 1.38
Moisture Absorption % (ASTM D-570)	: 0.1 to 0.2

Hard Vacuum Data (ASTM E-595 at 10-5 torr)

TML	: 0.19
CVCM	: 0.00
WVR	: 0.16
Smoke D-Max (ASTM E-662)	: 56
Outgassing	: Medium
Oxygen Index (ASTM D-2863)	: 21

Operating Temperatures

Min. Continuous	: -94°F (-70°C)
Max. Continuous (MIL-I-23053)	: +257°F (+125°C)
Melt (ASTM D-2117)	: +482°F (+250°C)

Chemical Resistance

Aromatic Solvents	2	Aliphatic Solvents	1
Chlorinated Solvents	3	Weak Bases	1
Strong Bases	2	Salt Water (O-S-1926)	1
Hydraulic Fluid (MIL-H-5606)	1	Lubricating Oil (MIL-A-8243)	1
De-Icing Fluid (MIL-A-8243)	1	Strong Acids	3
Strong Oxidants	2	Esters/Keytones	1
UV Light	1	Petroleum	1
Fungus (ASTM G-21)	1	Salts	1

Note: 1=No Effect 2=Little Effect 3=Affected 4=More Affected 5=Severely Affected

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Size:

Nominal Size	Expansion Range		Spool Size
	Min.	Max.	
3/4"	1/2"	1-1/4"	50'

Part Number Table

Description	Part Number
Expandable Braided Sleeving, Size 3/4" Nom., Neon Red	8465-0232-NRED

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