



OST Series

Oil-Stop Tube

Description

The Innovative Power Products INNO-FIT type OST tubing is a semirigid, thin wall, highly flame-retarded, heatshrinkable oil resistant tubing recognized by Underwriters' Laboratories (UL) Subject 224 as a VW-1 rated material. It has excellent cut-through and solvent resistance properties. The shrink temperature is 150°C for easier installation on PILC and VCLC lead covered cable cores. It has an indefinite storage life. This tubing is ideal for strain relieving or protecting components in high temperature environments. It is an excellent tubing where maximum cable and transformer oil resistance is desired.

- Excellent Oil and Solvent Resistance
- 150°C Shrink Temperature
- Flame Retarded UL-224 (VW-1)
- -55°C to +130°C Operating Range
- Available in Clear Only
- Excellent Cut-through/Abrasion Resistance
- Indefinite Shelf Life
- Low Installation Cost

Related Product Information

InnoFit™ Type OST • Price List
 For other components necessary for making oil-stops see:
 Page 26 for CCB (Conductive Cable Breakout)
 Page 29 for CST (Conductive Shielding Tubing)
 Page 32 for FCM (Field Control, Oil-Blocking Material)

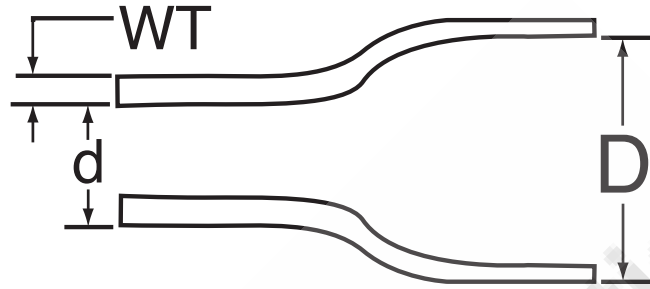


Illustration is not to scale

Physical Properties

Specification	Test Method	Value (nom.)
Density	ASTM D-1505	1.80 g/cm ³
Tensile Strength	ASTM D-412	5000 PSI
Ultimate Elongation	ASTM D-412	150% min.
Secant Modulus	ASTM D-882	120,000 PSI max.
Water Absorption	ASTM D-570	0.5% max.
Longitudinal Change	MIL-I-23053	±10%

Electrical Properties

Specification	Test Method	Value (nom.)
Dielectric Strength	ASTM D-876	800 Vols/mil.
Volume Resistivity	ASTM D257	2 x 10 ¹³ ohm-cm

Chemical Properties

Fluid Resistance (24hrs @ 23°C) Tensile Strength 5000 PSI min

Selection and Ordering Information

Tubing Size	Inside Diameter		Wall Thickness Post Recovery WT	Standard Spool Length
	As Supplied "D"	After Recovery "d"		
OST75	0.75 (19.1mm)	0.38 (9.50mm)	0.17 (0.43mm)	200 feet
OST100	1.00 (25.4mm)	0.50 (12.7mm)	.019 (0.48mm)	200 feet
OST150	1.50 (38.1mm)	0.75 (19.1mm)	.020 (0.51mm)	200 feet
OST200	2.00 (50.8mm)	1.00 (25.4mm)	.020 (0.51mm)	200 feet
OST250	2.50 (63.5mm)	1.00 (25.4mm)	.110 (2.79mm)	50 feet
OST350	3.50 (88.9mm)	1.50 (38.1mm)	.110 (2.79mm)	50 feet