



# CST Series

## Conductive Shielding Tube

### Description

The Innovative Power Products INNO-FIT type CST tubing is a medium wall, heatshrinkable conductive tubing. It has a high expansion ratio (3:1) for greater versatility. The CST is ideal for shielding cable joints, reshielding cables to replace the semiconductive insulation shield on medium voltage shielded power cables. It has an indefinite storage life. It is an excellent tubing wherever an electrically conductive tubing is required.

- Excellent Oil and Solvent Resistance
- -55°C to +130°C Operating Range
- Available in Black Only
- Conforms to Underlying Contours
- Indefinite Shelf Life
- Low Installed Cost

### Related Product Information

InnoFit™ Type OST • Price List

For other components necessary for making oil-stops see:  
 Page 28 for OST (Oil-Stop Tubing)  
 Page 26 for CCB (Conductive Cable Breakout)  
 Page 32 for FCM (Field Control, Oil-Blocking Material)

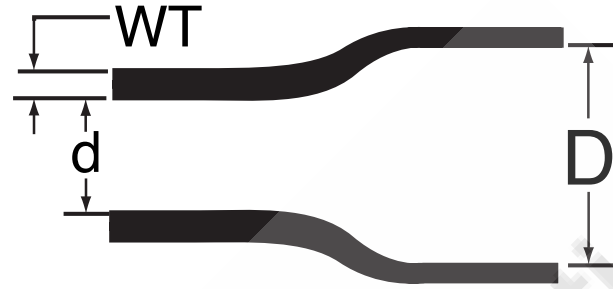


Illustration is not to scale

### Physical Properties

Specification	Test Method	Value (nom.)
Density	ISO/R1183-A	1.15 g/cm <sup>3</sup>
Tensile Strength	ISO 37	8.0 MPa min.
Ultimate Elongation	ISO 37	200% min.
Low Temp. Flexibility	ASTM D-2671 4hrs @ -40°C	No Cracking
Longitudinal Change	MIL-I-23053	±10%

### Electrical Properties

Specification	Test Method	Value (nom.)
Volume Resistivity	ASTM D257	2 x 10 <sup>4</sup> ohm-cm max

### Selection and Ordering Information

Tubing Size	Inside Diameter		Wall Thickness Post Recovery WT	Standard Spool Length
	As Supplied "D"	After Recovery "d"		
CST 30/10	1.18 (30mm)	0.40 (10mm)	0.08 (2.0mm)	100 feet
CST 45/15	1.77 (45mm)	0.60 (15mm)	0.08 (2.0mm)	100 feet
CST 60/20	2.36 (60mm)	0.80 (20mm)	0.08 (2.0mm)	100 feet
CST 90/30	3.54 (90mm)	1.18 (30mm)	0.08 (2.0mm)	50 feet