



HWTU Tubing

Heavy Wall Semi-Rigid Tubing, Uncoated, Rated to 1kV

Description

The Innovative Power Products HWTU series tubing is a heavy wall, semirigid heatshrinkable tubing for general purpose use. It can be used to insulate and jacket cables rated to 1kV or to jacket wire bundles. It is an excellent choice for mechanical strain relief of cable assemblies and the corrosion and abrasion protection of many metal substrates.

HWTU tubing's high expansion ratio provides a wide application range, so a minimum number of tubes cover a wide range of cables and application diameters.

HWTU tubing is very abrasion and chemical resistant and can be used to protect metal, plastic, wood or fiberglass surfaces.

Related Product Information

For direct buried applications or wherever a heavy wall thickness product with adhesive inner liner is necessary for harsher environments and a sealed connection, use IPP's HWAT series tubing. (see page 13)

For applications where a medium wall thickness product is required, use IPP's MWTU series tubing. (see page 12)

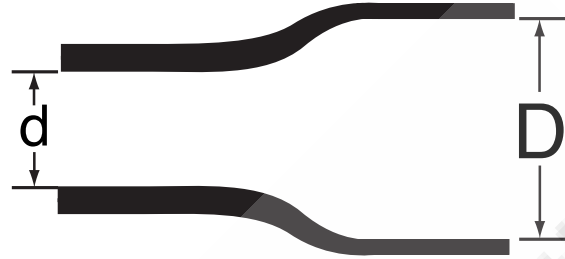


Illustration is not to scale

Related Product Information

HWTU: Price List PL-320

Specification	Test Method	Value (nom.)
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Physical Properties

Density	ASTM D-1505	1.00 g/cm ³
Tensile Strength	ASTM D-412	14 N/mm ²
Ultimate Elongation	ASTM D-412	350%
Water absorption	ASTM D-570	0.2%

Electrical Properties

Dielectric Constant	ASTM D-150	2.5
Electric Strength	ASTM D149	8 kV/mm
Volume Resistivity	ASTM D257	1 x 10 ¹⁴ ohm-cm

Selection and Ordering Information

Find the diameter required for the application. For example: To bundle a number of wires with an outside diameter of 1.00 inches: select HWTU 40/12

Medium Wall Catalog #	600 Volt Cable nom. AWG/kcmil	Inside Diameter		Standard Lengths Available Cut length is ± 2% as supplied
		As Supplied "D"	After Recovery "d"	
HWTU 12/3	#14 - #10	0.47 (12mm)	0.118 (3mm)	48(1220mm) or 100 feet Spooled
HWTU 15/5	#10 - #6	0.60 (15mm)	0.196 (7mm)	48(1220mm) or 100 feet Spooled
HWTU 20/7	#6 - #2	0.78 (20mm)	0.276 (7mm)	48(1220mm) or 100 feet Spooled
HWTU 30/10	#2 - 4/0	1.18 (30mm)	0.393 (10mm)	48(1220mm) or 100 feet Spooled
HWTU 40/12	1/0 - 350	1.57 (40mm)	0.473 (12mm)	48(1220mm) or 50 feet Spooled
HWTU 51/16	350 - 500	2.05 (50mm)	0.620 (16mm)	48(1220mm) or 50 feet Spooled
HWTU 78/22	600 - 1500	3.05 (78mm)	0.870 (22mm)	48(1220mm) or 50 feet Spooled