



HWTU TUBING

HEAVY WALL SEMI-RIGID TUBING, UNCOATED

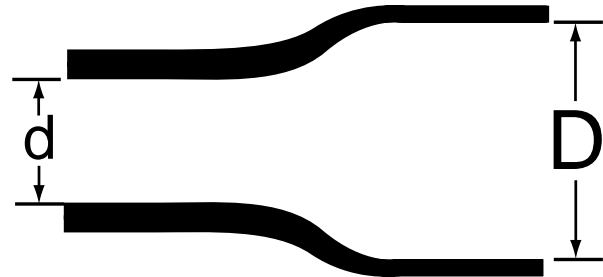
RATED TO 1 kV

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 1 kV 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:

HWTU: • Price List PL-320

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 14)

For applications where a medium wall thickness product is required, use IPP's MWTU series tubing. (see page 11)

Specification	Test Method	Value (nom.)
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

Heavy Wall Catalog No.	600 Volt Cable nom. AWG/kcmil	Inside Diameter		Standard Lengths Available Cut length tolerance is ± 2% as supplied
		Supplied "D"	Recovered "d"	
HWTU 12/3	#14-#10	0.47 (12 mm)	0.118 (3 mm)	48 (1220 mm) or 130 feet (40 meters) spooled
HWTU 15/5	#10-#6	0.60 (15 mm)	0.196 (7 mm)	48 (1220 mm) or 130 feet (40 meters) spooled
HWTU 20/7	#6-#2	0.78 (20 mm)	0.276 (7 mm)	48 (1220 mm) or 130 feet (40 meters) spooled
HWTU 30/10	#2-4/0	1.18 (30 mm)	0.393 (10 mm)	48 (1220 mm) or 130 feet (40 meters) spooled
HWTU 40/12	1/0-350	1.57 (40 mm)	0.473 (12 mm)	48 (1220 mm) or 130 feet (40 meters) spooled
HWTU 51/16	350-500	2.05 (50 mm)	0.620 (16 mm)	48 (1220 mm) or 130 feet (40 meters) spooled
HWTU 78/22	600-1500	3.05 (78 mm)	0.870 (22 mm)	48 (1220 mm) or 130 feet (40 meters) spooled