



MWTU TUBING

MEDIUM WALL SEMI-RIGID TUBING, UNCOATED

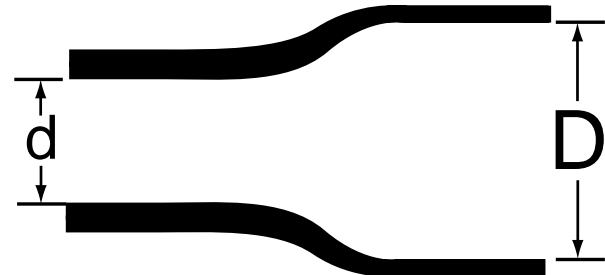
RATED TO 600 V.

Description

The Innovative Power Products MWTU series tubing is a medium wall, semirigid heatshrinkable tubing for general purpose use. It can be used to insulate cables rated to 600 V. and re-jacket cables or wire bundles. It is an excellent choice for mechanical strain relief of cable assemblies and the corrosion and abrasion protection of many metal substrates.

MWTU tubing's high expansion ratio provides a very wide application range, so a minimum number of tubes are required to cover a wide range of cables and application diameters.

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



Related Product Information:

MWTU: • Price List PL-310

For applications where a medium wall thickness product with adhesive inner liner is necessary for a sealed assembly, use IPP's MWAT series tubing. (see page 12)

For applications where a heavy wall thickness product will be required, use IPP's HWTU series tubing. (see page 13)

Specification	Test Method	Value (nom.)
Physical Properties		
Density	ASTM D-1505	0.93 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	14 kV/mm
Volume Resistivity	ASTM D257	1 x 10 ¹² ohm-cm

Selection and Ordering Information

Find the diameter required for the application. Always select the largest tube that shrinks to the smallest diameter for greatest wall thickness. e.g. To insulate a bundle with an outside diameter of 0.95 inches; select MWTU 40/12.

Medium 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"	
MWTU 12/3	#14-#10	0.47 (12 mm)	0.118 (3 mm)	48 (1220 mm) or 130 feet (40 meters) spooled
MWTU 20/6	#6-#2	0.78 (20 mm)	0.236 (6 mm)	48 (1220 mm) or 130 feet (40 meters) spooled
MWTU 30/8	#2-4/0	1.18 (30 mm)	0.315 (8 mm)	48 (1220 mm) or 130 feet (40 meters) spooled
MWTU 40/12	1/0-350	1.57 (40 mm)	0.473 (12 mm)	48 (1220 mm) or 130 feet (40 meters) spooled
MWTU 50/16	350-500	2.05 (50 mm)	0.620 (16 mm)	48 (1220 mm) or 130 feet (40 meters) spooled
MWTU 78/22	600-1500	3.05 (78 mm)	0.870 (22 mm)	48 (1220 mm) or 130 feet (40 meters) spooled