

Part Number DWT-MWT

Header DWT-MWT Medium Wall Polyolefin Heat Shrink Tubing

Description Thermosleeve-USA DWT-MWT medium wall heat shrink tubing provides good electrical insulation and has high resistance to impact and abrasion. Especially designed for reliable performance, DWT-MWT tubing is manufactured to cover a broader range of applications in fewer sizes *due to its bigger* shrink ratios. DWT-MWT has a minimum shrink temperature rating of 120 degrees C (248 degrees F). DWT-MWT is also available with adhesive liner...see Thermosleeve part number DWT-MWTA

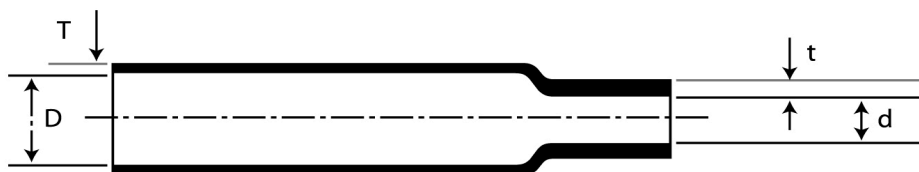
Agency Approval & Compliance ROHS, Halogen free, SAE, Flame Retardant, UL224, REACH

Application DWT-MWT heat shrink tubing is widely used to provide insulation and strain relief cover to both wire terminations and electrical connectors. DWT-MWT shrinks quickly, requires no special skills and is easy to use.

Shrink Ratio and Operating Temperature DWT-MWT shrink ratios range between 3:1 and 4:1...please consult the Thermosleeve website for specific sizes and shrink ratios. The tubing's wall thickness will also change proportionally to the degree of recovery.

DWT-MWT has a continuous operating temperature rating of -55 degrees C (-67 degrees F) and 110 degrees C (230 degrees F)

Standard Sizes and Dimension



Size		As Supplied (mm)		After Recovery (mm)	
(mm)	(inch)	Inside Diameter (D)	Wall-thickness (T)	Inside Diameter (d)	Wall-thickness (t)
Φ8	5/16"	8		2.0	1.7
Φ9		9		3.0	1.9
Φ10	3/8"	10		3.0	1.9
Φ12	1/2"	12		3.0	2.0
Φ13		13		4.0	2.0
Φ16	5/8"	16		5.0	2.2
Φ19	3/4"	19		5.0	2.2
Φ22		22		6.0	2.5
Φ28	1 1/8"	28		6.0	2.5
Φ33	1 1/4"	33		8.0	2.7
Φ40	1-9/16"	40		12.0	2.7
Φ45	1-3/4"	45		12.0	2.7
Φ55	2-3/16"	55		16.0	2.8
Φ60		60		19.0	2.8

Φ65	2 1/2"	65		19.0	2.8
Φ70		70		22.0	3.0
Φ75	3"	75		22.0	3.0
Φ80		80		22.0	3.0
Φ85	3 1/2"	85		25.0	3.0
Φ95	4"	95		25.0	3.0
Φ115	4 1/2"	115		34.0	3.2
Φ140	5 1/2"	140		42.0	3.3
Φ160	6 3/8"	160		50.0	3.3
Φ180	7"	175		58.0	3.3
Φ205	8"	205		65.0	3.3

Typical Properties

Item	Specifications
Shrink Temperature (°C)	120°C
Temperature Range (°C)	-55 ~ 110
Longitudinal Change (%)	0-5%
Tensile Strength (MPa)	≥14MPa
Ultimate Elongation (%)	≥400%
Tensile Strength (MPa) - After Aging	13
Ultimate Elongation (%) - After Aging	≥380%
Volume Resistivity (Ω.cm)	≥10 ¹⁴ Ω.cm
Dielectric Strength (kV/mm)	≥21kV/mm
Concentricity (%)	70

Availability Four-foot lengths and cut pieces

Important Notice All information contained in this data sheet is believed to be reliable and accurate. It is advised however that the end user of this material evaluate the suitability of the product for their specific application.

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