

Part Number DWT-HWT

Header DWT-HWT Heavy Wall Polyolefin Heat Shrink Tubing

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

Agency Approval & Compliance ROHS, Halogen free, SAE, Flame Retardant, UL224, REACH, VW1

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

Shrink Ratio and Operating Temperature DWT-HWT 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-HWT 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)		Length (mt/roll)
	Inside Diameter (D)	Wall-thickness (T)	Inside Diameter (d)	Wall-thickness (t)	
Φ9	≥9.0		≤3.0	≥2.0	1.00, 1.22
Φ13	≥13.0		≤4.0	≥2.4	1.00, 1.22
Φ16	≥16.0		≤5.0	≥2.5	1.00, 1.22
Φ19	≥19.0		≤5.0	≥2.5	1.00, 1.22
Φ22	≥22.0		≤6.0	≥2.7	1.00, 1.22
Φ33	≥33.0		≤8.0	≥3.2	1.00, 1.22
Φ40	≥40.0		≤12.0	≥4.0	1.00, 1.22
Φ45	≥45.0		≤12.0	≥4.0	1.00, 1.22
Φ55	≥55.0		≤16.0	≥4.0	1.00, 1.22
Φ65	≥65.0		≤19.0	≥4.0	1.00, 1.22
Φ75	≥75.0		≤22.0	≥4.0	1.00, 1.22
Φ80	≥80.0		≤22.0	≥4.0	1.00, 1.22
Φ85	≥85.0		≤25.0	≥4.2	1.00, 1.22
Φ95	≥95.0		≤30.0	≥4.2	1.00, 1.22

Φ105	≥105.0		≤30.0	≥4.2	1.00、1.22
Φ115	≥115.0		≤34.0	≥4.2	1.00、1.22
Φ130	≥130.0		≤36.0	≥4.2	1.00、1.22
Φ140	≥140.0		≤37.0	≥4.2	1.00、1.22
Φ160	≥160.0		≤50.0	≥4.2	1.00、1.22
Φ180	≥180.0		≤50.0	≥4.2	1.00、1.22
Φ200	≥200.0		≤60.0	≥4.2	1.00、1.22

Typical Properties

Property	Specification
Operating Temperature (°C)	-55 ~ 125
Tensile strength	14.5 MPa
Ultimate Elongation (%)	≥450
Tensile Strength (MPa) - After Aging	13.5
Ultimate Elongation (%) - After Aging	400
Density	
Concentricity	70
Longitudinal shrinkage	5
Dielectric strength	≥21kV/mm
Cracking Resistance	No cracking

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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