



DUNBAR – 4635WT

4:1 SHRINK RATIO, FLEXIBLE, DUAL-WALL, POLYOLEFIN TUBING

Applications

DUNBAR-4635WT is a very flexible, high shrink ratio, heat resistant, heat shrinkable polyolefin tube with an adhesive lining, which flows when heated. It may be used to seal and protect a wide variety of electrical applications, including wire splices, breakouts, and connectors-to-cable transitions.

Features

- ★ Shrink ratio: 75% or more in the radial direction, 15% or less in the axial direction
- ★ In stock for immediate shipments
- ★ Operating temperature: - 55 °C (-67 °F) to 110 °C (230 °F)
- ★ Flammability: UL VW-1 (Jacket only)
- ★ Excellent electrical properties
- ★ High resistance to abrasion, chemicals and oils

Standard

- ★ AMS-DTL-23053/4 Class 3 (Formerly MIL-DTL-23053/4 Class 3)
- ★ UL 224 (File Number: E319314)
- ★ RoHS Compliant

Specification Values

Property		Test Method	Value	
Physical	Unaged	Tensile strength	Min. 1300 psi	
		Elongation	Min. 250%	
	Fluid Resist.	Tensile strength	Min. 900 psi	
		Dielectric strength	Min. 200 Volts/mil	
	Heat shock		250 °C/4 hrs	No cracks, flowing, or dripping
	Low temperature flex		ASTM D746	No crack @ -55 °C
Secant Modulus		ASTM 882	Max. 25,000 psi	
Electrical	Dielectric strength		ASTM D2671	Min. 300 Volts/mil
	Volume resistivity		ASTM D876	Min. $1 \times 10^{12} \Omega$ - cm
Chemical	Copper corrosion		121 °C/16hrs	No corrosion
	Fungus resistance		ASTM G21	No growth
	Water Absorption		ASTM D570	Max. 1.0%
	Flammability		ASTM D2671	Pass

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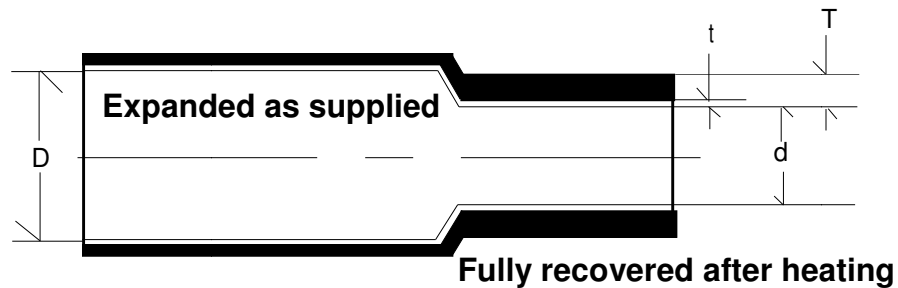
Dunbar Products, LLC
Tubing and Identification Products

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Product Dimensions

Minimum Shrink Temperature: 120 °C

Size	Expanded		Recovered					
	Internal Diameter Minimum (D)		Internal Diameter Maximum (d)		Minimum Total Wall Thickness (Total Wall) (T)		Minimum Wall Thickness (Adhesive Wall) (t)	
	In.	mm	In.	mm	In.	mm	In.	mm
3/16	0.158	4	0.039	1.0	0.035	0.90	0.020	0.50
5/16	0.315	8	0.079	2.0	0.035	0.90	0.020	0.50
1/2	0.472	12	0.118	3.0	0.051	1.30	0.024	0.60
3/4	0.630	16	0.157	4.0	0.063	1.60	0.030	0.76
1	0.945	24	0.236	6.0	0.083	2.10	0.031	0.79
1-1/4	1.260	32	0.315	8.0	0.090	2.30	0.041	0.90
2	2.047	52	0.512	13.0	0.098	2.50	0.041	0.90

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