



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 135 °C (275 °F)
- ★ Flammability: Flame retardant (Jacket only, except clear)
- ★ Excellent electrical properties
- ★ High resistance to abrasion, chemicals, and oils

Standards

- ★  UL 224: VW-1, 600 V, 125 °C (File Number: E319314, except clear)
- ★ Declared Dimensional Life (DDL) – 10 Years
- ★ RoHS & REACH Compliant

Specification Values

Property		Test Method	Value	
Physical	Unaged	Tensile Strength	Min. 1300 psi	
		Elongation	Min. 250%	
	Fluid Resist.	Tensile Strength	ASTM D638	Min. 900 psi
		Dielectric Strength	ASTM D2671	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. 10 ¹² Ω · 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

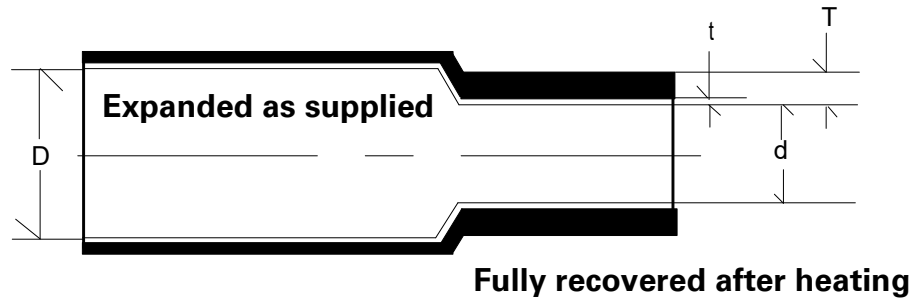


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Product Dimensions

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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