



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	ASTM D 638	Min. 1300 psi
		Elongation		Min. 250%
	Fluid Resist.	Tensile strength	ASTM D 638	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. $1 \times 10^{12} \Omega$ - 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	

Rev. May 2011



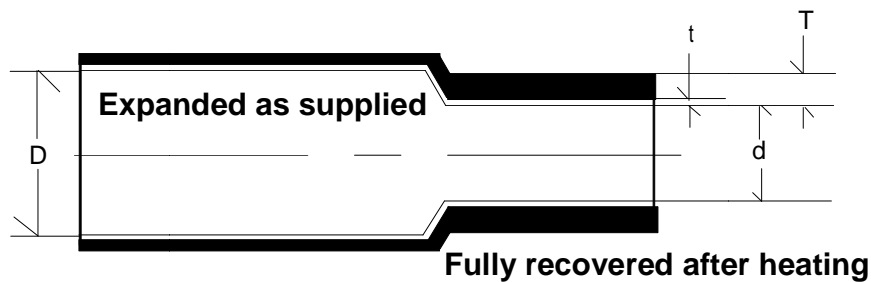
Dunbar Products, LLC
Your Stocking Partner for Quality Components

P.O Box 112218, Carrollton, Texas 75011-2218
Tel: (469) 568-0800
Fax: (469) 568-0808



DUNBAR – 4635WT

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



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)	
Inch Size	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

Rev. May 2011



Dunbar Products, LLC
Your Stocking Partner for Quality Components

P.O Box 112218, Carrollton, Texas 75011-2218
Tel: (469) 568-0800
Fax: (469) 568-0808