



DUNBAR – 3625WS

3:1 HIGH SHRINK RATIO, DUAL-WALL, SEMI-RIGID, POLYOLEFIN TUBING

Applications

DUNBAR-3625WS is a semi-rigid, high shrink ratio, flame retardant heat shrinkable polyolefin tube with an adhesive lining which flows when heated. It is suitable for a wide range of applications such as encapsulation of cables, splices and components.

Features

- ★ Shrink ratio: 67% or more in the radial direction
+1%, -10% or less in the axial direction
- ★ In stock for immediate shipments
- ★ Continuous operating temperature: -55°C (-67°F) to 135°C (275°F)
- ★ Flammability: Flame Retardant (Jacket only)
- ★ Excellent electrical properties
- ★ High resistance to abrasion, chemicals and oils

Standards

- ★ SAE AS23053/4 Class 1, all colors & clear (Formerly AMS-DTL-23053/4 Class 1)
- ★ Declared Dimensional Life (DDL) – 10 Years
- ★ UL 224: 125°C, 600V (File Number: E319314, except clear)
- ★ RoHS & REACH Compliant

Specification Values

Property		Test Method	Value	
Physical	Unaged	Tensile strength	ASTM D 638	Min. 1500 psi
		Elongation		Min. 200%
	Fluid Resist.	Tensile strength	ASTM D 638	Min. 1000 psi
		Dielectric strength	ASTM D2671	Min. 400 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 D882	Min. 25,000 psi	
Electrical	Dielectric strength		ASTM D2671	Min. 500 Volts/mil
	Volume resistivity		ASTM D876	Min. $1 \times 10^{15} \Omega \cdot \text{cm}$
Chemical	Copper corrosion		121°C/16hrs	No corrosion
	Fungus resistance		ASTM G21	No growth
	Water Absorption		ASTM D570	Max. 0.5%

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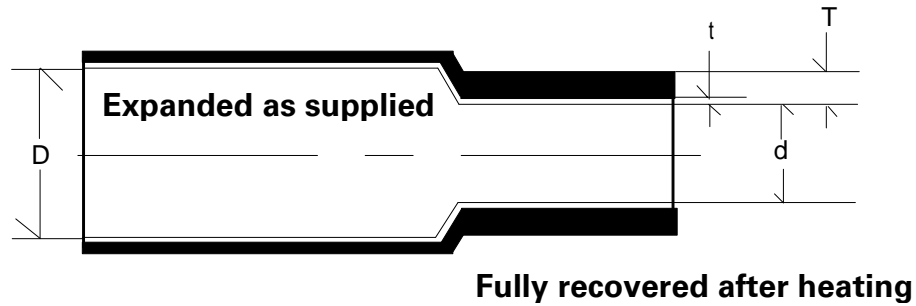
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Tubing and Identification Products

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Product Dimensions

Minimum Shrink Temperature: 125°C

Size	Expanded		Recovered					
	Internal Diameter Minimum (D)		Internal Diameter Maximum (d)		Minimum Total Wall Thickness (Total Wall) (T)		Nominal Wall Thickness (Adhesive Wall) (t)	
	In.	mm	In.	Mm	In.	mm	In.	mm
1/8"	0.125	3.2	0.023	0.6	0.032	0.8	0.020	0.5
3/16"	0.187	4.8	0.060	1.5	0.037	0.9	0.025	0.6
1/4"	0.250	6.4	0.080	2.0	0.040	1.0	0.027	0.7
3/8"	0.375	9.5	0.135	3.4	0.043	1.1	0.030	0.8
1/2"	0.500	12.7	0.195	5.0	0.048	1.2	0.035	0.9
3/4"	0.750	19.1	0.313	8.0	0.058	1.5	0.040	1.0
1"	1.000	25.4	0.400	10.2	0.068	1.7	0.040	1.0

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