



DUNBAR – 1625GT

2:1 SHRINK RATIO, HIGHLY FLEXIBLE, FLAME RETARDANT, THIN WALL POLYOLEFIN TUBING

Applications

DUNBAR-1625GT is a highly flexible, flame retardant, low smoke and acid gas emission thin wall heat shrinkable polyolefin tube. It is designed for rapid shrinking and greater packaging density, including insulation for electric & electronic devices, wire strain relief and protective covering for parts such as resistors and capacitors.

Features

- ★ Shrink ratio: 50% or more in the radial direction, $\pm 3\%$ or less in the axial direction
- ★ In stock for immediate shipments
- ★ Continuous operating temperature: - 55 °C (-67 °F) to 125 °C (257 °F)
- ★ Flammability: UL VW-1 (except clear)
- ★ High resistance to chemicals and oils
- ★ Rapid shrinking

Standard

- ★ UL 224 (File Number: E319303)
- ★ RoHS Compliant

Specification Values

Property		Test Method	Value	
Physical	Unaged	Tensile strength	ASTM D638	Min. 1,500 psi
		Elongation		Min. 200%
	Aged	Tensile strength	ASTM D638	Min. 1,050 psi
		Elongation		Min. 100%
	Eccentricity		-	Max 30%
	Heat shock		250 °C/4 hrs	No cracks, flowing or dripping
	Cold bend		-30 °C/1 hrs	No cracking
	Secant modulus		ASTM D882	Max. 25,000 psi
Specific gravity		ASTM D792	Max. 1.40g/cm ³	
Electrical	Dielectric voltage withstand		UL 224	Min. 2.5kV/1min.
	Volume resistivity		ASTM D257	Min. 10 ¹⁴ Ω - cm
Chemical	Copper corrosion		158 °C/7 days	No corrosion
	Flammability (VW-1)		UL 224	Pass

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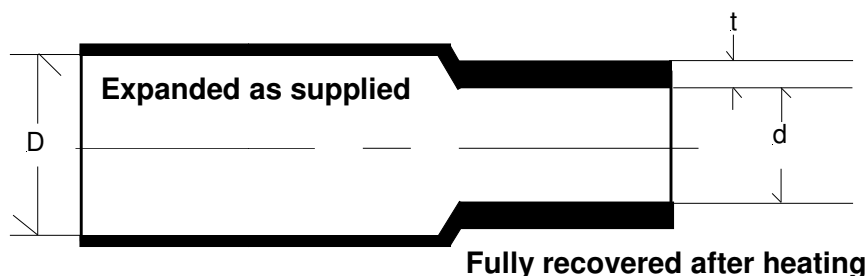
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Tubing and Identification Products

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Product Dimensions

Minimum Shrink Temperature: 80 °C

Size	Expanded		Recovered				Standard Spool Length
	Internal Diameter Minimum (D)		Internal Diameter Maximum (d)		Minimum Total Wall Thickness (t)		
	In.	mm	In.	mm	In.	mm	Ft.
Inch Size							
3/64"	0.055	1.4	0.023	0.58	0.007	0.178	500
1/16"	0.079	2.0	0.031	0.79	0.007	0.178	500
3/32"	0.114	2.9	0.046	1.17	0.007	0.178	500
1/8"	0.130	3.3	0.062	1.57	0.007	0.178	500
3/16"	0.201	5.1	0.093	2.36	0.010	0.254	250
1/4"	0.256	6.5	0.125	3.18	0.010	0.254	250
Metric Size	Available for special orders						
1.0	0.047	1.2	0.020	0.51	0.007	0.178	Cut to meet your special orders
1.5	0.067	1.7	0.030	0.76	0.007	0.178	
2.0	0.087	2.2	0.039	0.99	0.007	0.178	
2.5	0.106	2.7	0.049	1.24	0.007	0.178	
3.0	0.122	3.1	0.059	1.50	0.007	0.178	
3.5	0.146	3.7	0.069	1.75	0.010	0.254	
4.0	0.173	4.4	0.079	2.00	0.010	0.254	
5.0	0.213	5.4	0.098	2.49	0.010	0.254	
6.0	0.248	6.3	0.118	3.00	0.010	0.254	

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