



## DUNBAR – 1625T

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

### Applications

DUNBAR-1625T is a highly flexible, flame retardant, 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, 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, CSA OFT (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	Min. 1,500 psi	
		Elongation	Min. 200%	
	Aged	Tensile strength	Min. 1,050 psi	
		Elongation	Min. 100%	
	Eccentricity		-	Max 30%
	Heat shock		250°C/4 hrs	No cracks, flowing or dripping
	Low temperature flexibility		-55°C/4 hrs	No cracking
	Secant modulus		ASTM D882	Max. 25,000 psi
Specific gravity		ASTM D792	Max. 1.35 (Max. 1.00 Clear)	
Electrical	Voltage withstand		AC2.5kV/1min.	No Breakdown
	Volume resistivity		ASTM D876	Min. $10^{14}\Omega$ - cm
Chemical	Copper corrosion		175°C/16 hrs	No corrosion
	Flammability		VW-1	Pass

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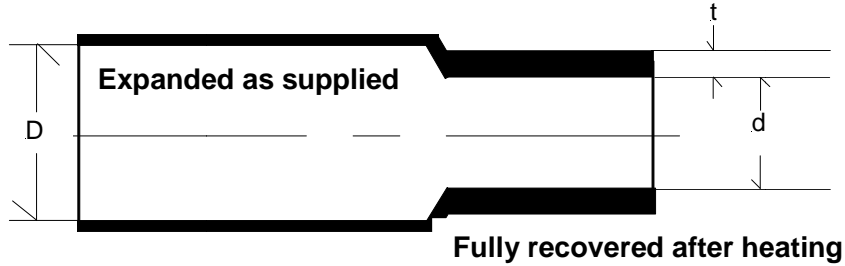
Dunbar Products, LLC  
Your Stocking Partner for Quality Components

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



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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)		
Inch Size	In.	mm	In.	mm	In.	mm	Ft.
3/64"	0.055	1.4	0.023	0.58	0.007	0.180	500
1/16"	0.071	1.8	0.031	0.79	0.007	0.180	500
3/32"	0.102	2.6	0.046	1.17	0.010	0.250	500
1/8"	0.134	3.4	0.062	1.57	0.010	0.250	500
3/16"	0.197	5.0	0.093	2.36	0.010	0.250	250
1/4"	0.250	6.6	0.125	3.18	0.010	0.250	250
Metric Size	Available for special orders						
1.0	0.051	1.3	0.020	0.50	0.007	0.180	Cut to meet your special orders
1.5	0.071	1.8	0.030	0.75	0.007	0.180	
2.0	0.091	2.3	0.040	1.00	0.007	0.180	
2.5	0.110	2.8	0.050	1.25	0.010	0.250	
3.0	0.127	3.2	0.060	1.50	0.010	0.250	
3.5	0.150	3.8	0.069	1.75	0.010	0.250	
4.0	0.177	4.5	0.079	2.00	0.010	0.250	
5.0	0.217	5.5	0.098	2.50	0.010	0.250	
6.0	0.256	6.5	0.118	3.00	0.010	0.250	

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