

# DUNBAR – 1625T

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

## Applications

GSHS-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

- ★ In stock for immediate shipments
- ★ Shrink ratio: 50% or more in the radial direction, 7% or less in the axial direction
- ★ Continuous operating temperature: - 55°C to 125°C
- ★ Flammability: UL VW-1, CSA OFT, -F-MARK
- ★ Rapid shrinking
- ★ Excellent electrical properties
- ★ High resistance to chemicals and oils

## Standard

- ★ UL 224 (File Number: E84393)
- ★ CSA C22.2 (File Number: LR55659)

## Specification Values

Property		Test Method	Value	
Physical	Unaged	Tensile strength	ASTM D 638	Min. 1.06 kgf/mm <sup>2</sup>
		Elongation		Min. 200%
	Aged	Tensile strength	158°C/168 hrs	Min. 70% of the value of unaged specimens
		Elongation		Min. 100%
	Deformation		125°C/1 hr	Max. 50%
	Heat shock		136°C/1 hr	No crack
	Cold bend		- 30°C/1 hr	No crack
	Flexibility		158°C/168 hrs	No crack
Secant Modulus		-	Max. 17.64 kgf/mm <sup>2</sup>	
Electrical	Dielectric strength		-	Min. 2.5kV/1 minute
	Volume resistivity		-	Min. 10 <sup>14</sup> Ω - cm
Chemical	Copper corrosion		158°C/168 hrs	No corrosion
	Copper stability		158°C/168 hrs	No sign of degradation
	Flammability		VW-1	Pass

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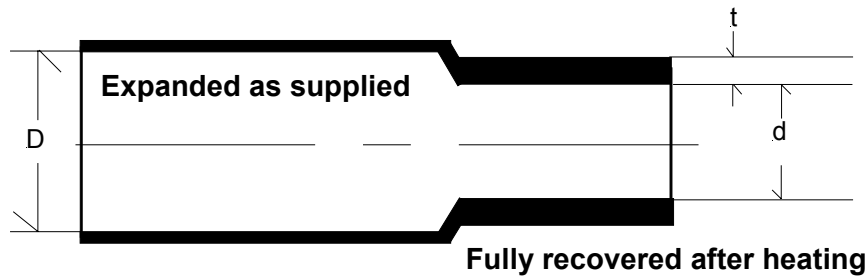
Dunbar Associates

Your Stocking Partner for Quality Components

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## Product Dimensions

Minimum Shrink Temperature: 75°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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