



DUNBAR – 1625LT

2:1 SHRINK RATIO, VERY FLEXIBLE, FLAME RETARDANT, POLYOLEFIN TUBING


Applications

DUNBAR-1625LT is a very flexible, flame retardant, low shrink temperature heat shrinkable polyolefin tube. It is designed for a wide range of applications specially requiring rapid shrinking, 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
- ★ Low temperature shrinking
- ★ High resistance to chemicals and oils

Standard

- ★ UL 224 (File Number: E319303) 
- ★ MIL-DTL-23053/5 Class 3
- ★ RoHS Compliant

Specification Values

Property		Test Method	Value	
Physical	Unaged	Tensile strength	Min. 1.06 kgf/mm ²	
		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 ²	
Electrical	Dielectric strength		-	
	Volume resistivity		-	Min. 10 ¹⁴ 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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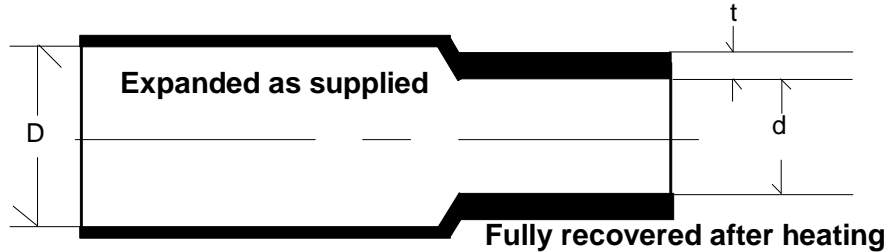
Dunbar Associates
Your Stocking Partner for Quality Components

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Product Dimensions

Minimum Shrink Temperature: 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"	0.063	1.6	0.023	0.58	0.013	0.330	500
1/16"	0.083	2.1	0.031	0.79	0.014	0.356	500
3/32"	0.118	3.0	0.046	1.17	0.017	0.432	500
1/8"	0.146	3.7	0.062	1.57	0.017	0.432	500
3/16"	0.205	5.2	0.093	2.36	0.017	0.432	250
1/4"	0.264	6.7	0.125	3.18	0.022	0.559	250
3/8"	0.398	10.1	0.187	4.75	0.022	0.559	200
1/2"	0.524	13.3	0.250	6.35	0.022	0.559	200
3/4"	0.791	20.1	0.368	9.35	0.027	0.686	100
1"	1.051	26.7	0.500	12.70	0.030	0.762	100
Metric Size	Available for special orders						
1.5	0.075	1.9	0.030	0.75	0.014	0.356	Cut to meet your special orders
2.0	0.091	2.3	0.040	1.00	0.017	0.432	
2.5	0.110	2.8	0.050	1.25	0.017	0.432	
3.0	0.130	3.3	0.060	1.50	0.017	0.432	
3.5	0.150	3.8	0.069	1.75	0.017	0.432	
4.0	0.170	4.3	0.079	2.00	0.017	0.432	
5.0	0.209	5.3	0.098	2.50	0.022	0.559	
6.0	0.248	6.3	0.118	3.00	0.022	0.559	
7.0	0.299	7.6	0.138	3.50	0.022	0.559	
8.0	0.339	8.6	0.158	4.00	0.022	0.559	
9.0	0.378	9.6	0.177	4.50	0.022	0.559	
10.0	0.417	10.6	0.197	5.00	0.022	0.559	
11.0	0.457	11.6	0.217	5.50	0.022	0.559	
12.0	0.496	12.6	0.236	6.00	0.022	0.559	
13.0	0.535	13.6	0.256	6.50	0.027	0.686	
14.0	0.575	14.6	0.276	7.00	0.027	0.686	
15.0	0.614	15.6	0.300	7.50	0.027	0.686	
16.0	0.665	16.9	0.315	8.00	0.027	0.686	
18.0	0.744	18.9	0.354	9.00	0.030	0.762	
20.0	0.823	20.9	0.394	10.00	0.030	0.762	
22.0	0.902	22.9	0.433	11.00	0.030	0.762	
24.0	0.980	24.9	0.472	12.00	0.030	0.762	
25.0	1.032	26.2	0.492	12.50	0.034	0.864	
26.0	1.071	27.2	0.512	13.00	0.034	0.864	
28.0	1.150	29.2	0.551	14.00	0.034	0.864	
30.0	1.228	31.2	0.591	15.00	0.034	0.864	
32.0	1.307	33.2	0.630	16.00	0.034	0.864	

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