



DUNBAR-DC-321A

3:1 SHRINK RATIO, DUAL-WALL, FLAME RETARDANT, POLYOLEFIN TUBING

Applications

DUNBAR-DC-321A is a flexible, high shrink ratio, flame retardant heat shrinkable polyolefin tube with an adhesive lining which flows when heated. It is suitable to seal and protect a wide variety of electrical applications, including wire splices, breakouts, and connector-to-cable transitions.

Features

- ★ Shrink ratio: 67% or more in the radial direction, 15% or less in the axial direction
- ★ In stock for immediate shipment
- ★ Continuous operating temperature: - 55°C (-67°F) to 110°C (230°F)
- ★ Flammability: UL VW-1 (Jacket only)
- ★ Excellent electrical properties
- ★ High resistance to abrasion, chemicals and oils

Standard

- ★ UL 224 (File Number: E319303)
- ★ RoHS2 & REACH Compliant

Specification Values

Property		Test Method	Value	
Physical	Unaged	Tensile strength	ASTM D 638 Min. 1300 psi	
		Elongation	Min. 250%	
	Fluid Resist.	Tensile strength	ASTM D 638 Min. 900 psi	
		Dielectric strength	ASTM D2671 Min. 200 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 882	Max. 25,000 psi	
Electrical	Dielectric strength		ASTM D2671 Min. 300 Volts/mil	
	Volume resistivity		ASTM D876 Min. 1x10 ¹² Ω - cm	
Chemical	Copper corrosion		121°C/16hrs No corrosion	
	Fungus resistance		ASTM G21 No growth	
	Water Absorption		ASTM D570 Max. 1.0%	
	Flammability		ASTM D2671 Pass	

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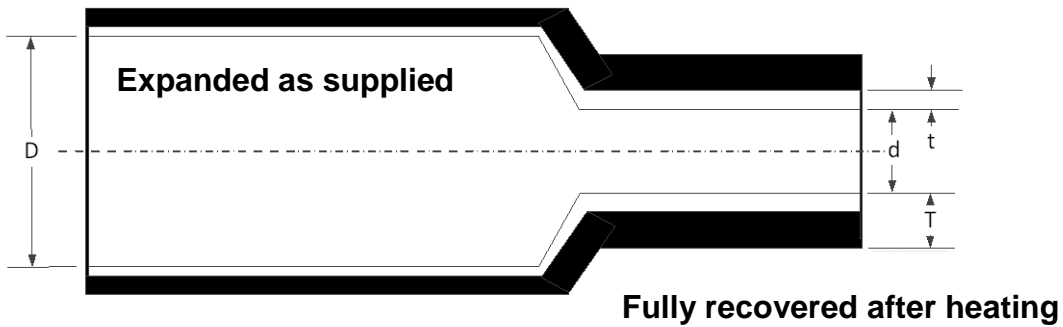
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Tubing and Identification Products

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Product Dimensions

Minimum Shrink Temperature: 120°C

Size	Expanded		Recovered						Standard Length
	Internal Diameter (min.) (D)		Internal Diameter (max.) (d)		Total Wall Thickness (Nominal) (T)		Wall Thickness Adhesive Wall (Nominal) (t)		
Inch Size	In.	mm	In.	mm	In.	mm	In.	mm	Ft.
1/8"	0.126	3.2	0.039	0.99	0.040	1.00	0.015	0.40	4
3/16"	0.189	4.8	0.063	1.60	0.040	1.00	0.019	0.50	4
1/4"	0.252	6.4	0.087	2.21	0.040	1.00	0.023	0.59	4
3/8"	0.374	9.5	0.126	3.20	0.047	1.20	0.025	0.65	4
1/2"	0.500	12.7	0.165	4.19	0.056	1.43	0.031	0.79	4
3/4"	0.752	19.1	0.248	6.30	0.078	2.00	0.042	1.09	4
1"	1.000	25.4	0.335	8.51	0.079	2.03	0.037	0.93	4
1-1/2"	1.535	39.0	0.531	13.49	0.090	2.30	0.047	1.20	4

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