

DUNBAR – 3635W

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

Applications

DUNBAR-3635W 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 connectors-to-cable transitions.

Features

- ★ Shrink ratio: 67% or more in the radial direction, 15% or less in the axial direction
- ★ In stock for immediate shipments
- ★ 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

- ★ AMS-DTL-23053/4 Class 3 (Formerly MIL-DTL-23053/4 Class 3)
- ★ UL 224 (File Number: E319314)
- ★ RoHS Compliant

Specification Values

Property			Test Method	Value		
Physical	Unaged	Tensile strength	ASTM D 638	Min. 1300 psi		
		Elongation	ASTIVID 030	Min. 250%		
	Fluid	Tensile strength	ASTM D 638	Min. 900 psi		
	Resist.	Dielectric strength	ASTM D2671	Min. 200 Volts/mil		
	Heat sho	ck	250 ℃/4 hrs	No cracks, flowing, or dripping		
	Low temp	oerature flex	ASTM D746	No crack @-55°C		
	Secant M	Modulus	ASTM 882	Max. 25,000 psi		
Electrical	Dielectric	strength	ASTM D2671	Min. 300 Volts/mil		
	Volume resistivity		ASTM D876	Min. $1x10^{12}\Omega$ - cm		
Chemical	Copper of	corrosion	121°C/16hrs	No corrosion		
	Fungus resistance		ASTM G21	No growth		
	Water Ab	sorption	ASTM D570	Max. 1.0%		
	Flammab	oility	ASTM D2671	Pass		

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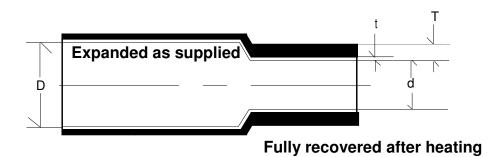


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Product Dimensions

Minimum Shrink Temperature: 120 ℃

	Expanded		Recovered						
Size	Internal Diameter (min.) (D)		Internal Diameter (max.) (d)		Total Wall Thickness (Nominal) (T)		Wall Thickness Adhesive Wall (Nominal) (t)		Standard Length
Inch Size	ln.	mm	ln.	mm	ln.	mm	ln.	mm	Ft.
1/8"	0.125	3.2	0.038	0.98	0.040	1.00	0.015	0.40	4
3/16"	0.188	4.8	0.060	1.52	0.040	1.00	0.019	0.50	4
1/4"	0.251	6.4	0.079	2.00	0.040	1.00	0.023	0.59	4
3/8"	0.374	9.5	0.118	3.00	0.047	1.20	0.025	0.65	4
1/2"	0.503	12.8	0.156	3.98	0.056	1.43	0.031	0.79	4
3/4"	0.767	19.5	0.236	6.00	0.078	2.00	0.042	1.09	4
1"	1.000	25.4	0.314	8.00	0.079	2.03	0.037	0.93	4
1-1/2"	1.570	40.0	0.510	12.95	0.090	2.30	0.047	1.20	4

^{*}Metric sizes available for special orders.

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