DUNBAR–CMWT-FR

3:1 SHRINK RATIO, FLEXIBLE, SEMI-RIGID, MEDIUM WALL, FLAME-RETARDANT, ADHESIVE-LINED POLYOLEFIN TUBING

Applications

DUNBAR–CMWT-FR is designed to provide reliable performance as well as excellent mechanical and environmental protection. DUNBAR–CMWT-FR is designed for sealing and insulation of cable splices, electrical connections, terminations and jacket repairs. Ideally suited for shipboard, submersible, direct-buried installations, or wherever tougher mechanical protection is required in an electrical insulation system.

Features

- ★ Shrink ratio: 67% or more in the radial direction, 20% or less in the axial direction
- ★ In stock for immediate shipments
- ★ Operating temperature range: -55℃ (-67℉) to 125℃ (230℉)
- ★ Flammability: UL VW-1, CSA OFT (except clear)
- ★ High Carbon Black composition to resist UV radiation
- ★ Exceptional flexibility prior to recovery

Standard

- ★ UL 224 (File Number E319303)
- ★ ABS File No. 02-SE23285-X
- ★ REACH Compliant
- ★ RoHS Compliant

Specification Values

Properties			Test Methods	Values
Physical	Unaged	Tensile strength	ASTM D638	Min. 1200 psi
		Elongation		Min. 200%
	Aged	Tensile strength	ASTM D638	Min. 1000 psi
		Elongation		Min. 100%
	Fluid Resist.	Tensile strength	24℃/24 hrs 6 Fluids	Min. 750 psi
		Dielectric strength		Min. 200Volts/mil
	Low temperature flex		-55°Cx4hrs	No cracks
	Heat shock		225°Cx4hrs	No cracks, flowing, or dripping
	Secant Modulus		ASTM D882	Max. 25,000 psi
Electrical	Dielectric strength		ASTM D2671	Min. 200V / mil
	Volume resistivity		ASTM D876	Min. $1x10^{13}\Omega$ - cm
Chemical	Copper corrosion		121°C/16hrs	No corrosion
	Fungus resistance		ASTM G21	No growth
	Water Absorption		ASTM D570	Max. 0.5
	Flammability		ASTM D2671	Pass

Lake-View Electronics Corporation www.lvelectronics.com Ph: 1-800-686-8439 Fx: 262-375-0109 sales@lvelectronics.com

DUNBAR
Dunbar Products, LLC
Tubing and Identification Products

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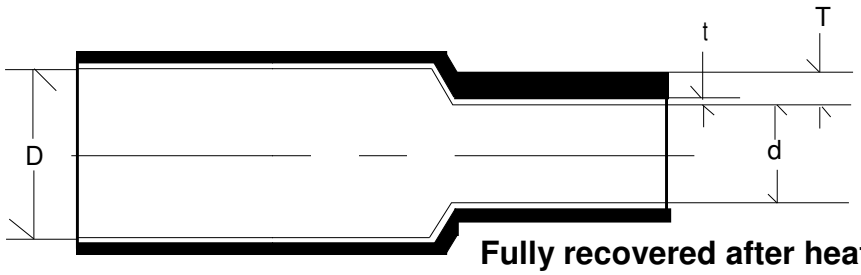
Available Colors

Black Red



Fully recovered after heating

Product Dimensions

Minimum Shrink Temperature: 120°C

	Expanded		Recovered			
Nominal Size (mm)	As Supplied ID* (min.) (D)		Internal Diameter (max.) (d)		Wall Thickness (nominal) (T)	
mm	In.	mm	In.	mm	In.	mm
7	0.276	7.0	0.098	2.5	0.032	0.80
10	0.402	10.2	0.150	3.8	0.060	1.52
18	0.752	19.1	0.220	5.6	0.060	1.52
27	1.098	27.9	0.374	9.5	0.105	2.67
33	1.299	33.0	0.374	9.5	0.105	2.67
38	1.500	38.1	0.500	12.7	0.120	3.05
45	1.701	43.2	0.500	12.7	0.140	3.56
50	2.000	50.8	0.752	19.1	0.142	3.60
70	2.701	68.6	0.902	22.9	0.135	3.44
75	2.953	75.0	1.252	31.8	0.104	2.64
100	3.937	100.0	1.752	44.5	0.104	2.64
115	4.488	114.0	1.752	44.5	0.130	3.30
140	5.512	140.0	1.654	42.0	0.138	3.50

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