



Dunbar EIT - 600

NON HEAT-SHRINKABLE FLEXIBLE POLYOLEFIN TUBING

Applications

Dunbar EIT - 600 is non heat-shrinkable polyolefin tubing that has excellent flame retardant qualities as well as superior flexibility and insulation properties. It is suitable for various applications requiring the insulation of wires.

Features

- ★ Continuous operating temperature: - 55°C (-67°F) to 125°C (257°F)
- ★ Low Temperature Printable – Thermal Transfer or Hot Stamp
- ★ Flammability: UL VW-1 (except clear)
- ★ High resistance to chemicals and oils
- ★ High heat-resistance

Standard

- ★ UL 224 (file No. E319314)
- ★ RoHS Compliant

Specification Values

Property		Test Method	Value	
Physical	Unaged	Tensile strength	Min. 1,500 psi	
		Elongation	Min. 200%	
	Aged	Tensile strength	Min. 1,050 psi	
		Elongation	Min. 100%	
	Heat shock		250°C/4 hrs	No cracks, flowing or dripping
	Low temperature flexibility		-55°C/4 hrs	No cracking
Secant modulus		ASTM D882	Max. 25,000 psi	
Electrical	Voltage withstand		AC2.5kV/1min.	No Breakdown
	Volume resistivity		ASTM D876	Min. $10^{14}\Omega$ - cm
Chemical	Copper corrosion		175°C/16 hrs	No corrosion
	Flammability		VW-1	Pass

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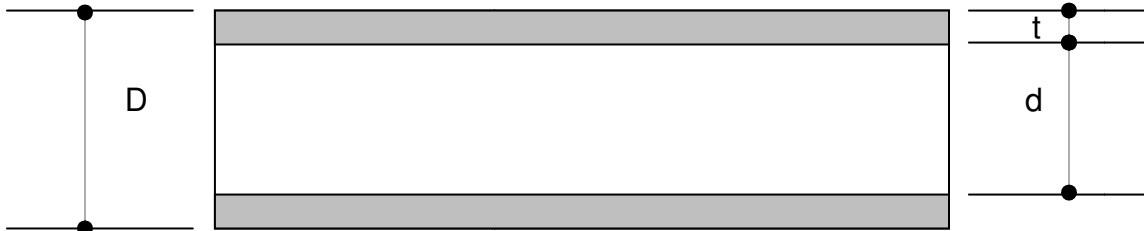
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Tubing and Identification Products

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Product Dimensions

Size	Nominal Internal Diameter (d)		Nominal Wall Thickness (t)		Nominal Outer Diameter (D)	
	In.	mm	In.	mm	In.	mm
Metric Size						
1.0	0.0394	1.0	0.0157	0.40	0.0787	2.00
3.0	0.1181	3.0	0.0157	0.40	0.1496	3.80
4.0	0.1575	4.0	0.0177	0.45	0.2126	5.40
5.0	0.1969	5.0	0.0137	0.35	0.2244	5.70
6.0	0.2362	6.0	0.0137	0.35	0.2638	6.70
8.0	0.3150	8.0	0.0157	0.40	0.3858	9.80
9.0	0.3543	9.0	0.0157	0.40	0.4252	10.80
10.0	0.3937	10.0	0.0157	0.40	0.4252	10.80
11.0	0.4331	11.0	0.0157	0.40	0.4646	11.80
12.0	0.4724	12.0	0.0157	0.40	0.5039	12.80
13.0	0.5118	13.0	0.0236	0.60	0.5512	14.00
14.0	0.5512	14.0	0.0197	0.50	0.5906	15.00
16.0	0.6299	16.0	0.0354	0.90	0.7008	17.80
18.0	0.7087	18.0	0.0315	0.80	0.7717	19.60
20.0	0.7874	20.0	0.0394	1.00	0.8858	22.50
22.0	0.8661	22.0	0.0472	1.20	0.9606	24.40

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