

Special Products

GFT-150

Flexible flame retardant modified Fluoropolymer tubing

Features

- © 2:1 shrink ratio
- © RoHS compliant



Applications

Can be used for jacketing and bundling of wires to form light-duty harnesses, especially where a low profile, abrasion resistance, and flexibility are needed.

Can also be used to provide insulation and strain relief of electrical connections and wire terminations, identification of wires, and packaging of components.

Specification/Approvals

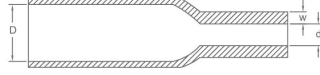
UL224/VW-1/600V/SAE-AMS-DTL 23053/18 class 2

Operating Temp

-55°C to 150°C

Typical technical performances

Test Items	Test Method	Test Requirements
Tensile strength	ASTM D 2671	18MPa minimum
Ultimate elongation	ASTM D 2671	300% minimum
Ultimate elongation after Aging at 225°C for 168hrs	UL 224	250% minimum
Heat shock at 275°C for 4hrs	ASTM D 2671	No cracking
Dielectric strength	ASTM D 2671	15.7kV/mm minimum
Volume resistance	ASTM D 2671	10 ¹⁴ Ω.cm minimum
Cold bend at -30°C for 1hr	ASTM D 2671	No cracking
Flammability	UL 224, VW-1	Pass



Dimensions

Size(Inch)	As supplied(mm)		After recovered (mm)
	D*(Min.)	d*(Max.)	w*(Min.)
3/64	1.2	0.6	0.25
1/16	1.6	0.8	0.25
3/32	2.4	1.2	0.25
1/8	3.2	1.6	0.25
3/16	4.8	2.4	0.25
1/4	6.4	3.2	0.25
3/8	9.5	4.8	0.30
1/2	12.7	6.4	0.30
5/8	15.9	8.0	0.30
3/4	19.1	9.5	0.30
1	25.4	12.7	0.30
1-1/2	38.1	19.1	0.40
2	50.8	25.4	0.50

D* = Inner diameter as supplied
d* = Inner diameter after fully recovered
w* = Wall thickness after fully recovered

Ordering information

	Color	Standard	Black
		Nonstandard	Clear
Standard packaging	In 1.2-meter [4-foot] lengths or on spools.		
Ordering description	Specify product name, size and color (for example, GFT-150 1.6/0.8 Clear)		

* Other cutting length are available on request.