

Thin Wall Tubing

GTHF

Halogen free flexible flame retardant tubing

Features

- © 2:1 shrink ratio
- © Low Smoke
- © RoHS compliant



Applications

Except the common fine physical and chemical specifications, the tube also shows excellent flame-retardant, insulation, low temperature shrinking and flexible properties and thus be widely used in electron, communication and automobile industry.

Specification/Approvals

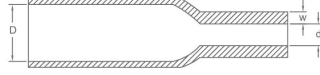
UL224/VW-1/600V

Operating Temp

-55°C to 125°C

Typical technical performances

Test Items	Test Method	Test Requirements
Tensile strength	ASTM D 2671	10.4MPa minimum
Ultimate elongation	ASTM D 2671	200% minimum
Tensile strength after Aging at 158°C for 168hrs	UL 224	70% retention minimum
Ultimate elongation after Aging at 158°C for 168hrs	UL 224	100% minimum
Heat shock at 250°C for 4hrs	UL 224	No dropping & cracking
Flammability	UL 224	VW-1
Volume resistance	UL 224	10 ¹⁴ Ω.cm minimum
Cold bend at -30°C for 1hr	ASTM D 2671	No cracking



Dimensions

Size(Inch)	As supplied(mm)		After recovered (mm)
	D*(Min.)	d*(Max.)	w*(Min.)
3/64	1.2	0.6	0.33
1/16	1.6	0.8	0.36
3/32	2.4	1.2	0.42
1/8	3.2	1.6	0.42
3/16	4.8	2.4	0.51
1/4	6.4	3.2	0.54
5/16	8.0	4.0	0.54
3/8	9.5	4.8	0.54
1/2	12.7	6.4	0.62
3/4	19.1	9.5	0.75
1	25.4	12.7	0.85
1-1/4	31.8	15.9	0.85
1-1/2	38.1	19.1	0.96
2	50.8	25.4	0.97
3	76.2	38.1	1.17
4	101.6	50.8	1.30

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

Ordering information

Color	Standard	Black
Standard packaging	In 1.2-meter [4-foot] lengths or on spools.	
Ordering description	Specify product name, size and color (for example, GTHF 4.8/3.2 Black)	

* Other Colors and cutting length are available on request.