

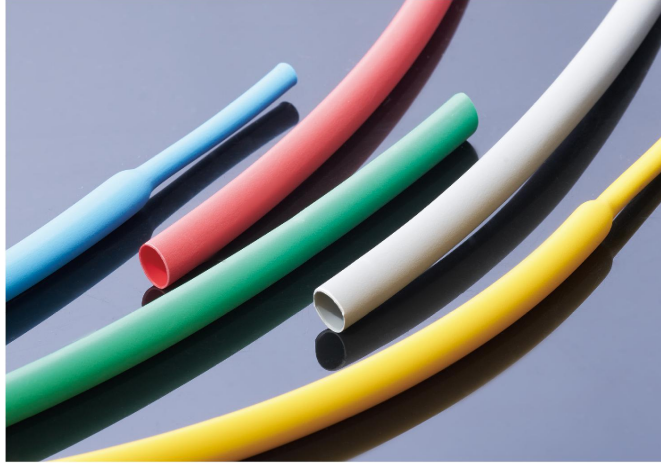
Thin Wall Tubing

GTF

Flexible highly flame retardant tubing

Features

- ◎ 2:1 shrink ratio
- ◎ meets military and industrial standards
- ◎ RoHS compliant



Applications

Its unique blend of chemical, electrical, and physical properties makes it suitable for a wide range of applications, including electrical insulation, strain relief, cable bundling, color-coding and identification of wires, cables, pipes, and electrical and electronic components, and mechanical protection.

Specification/Approvals

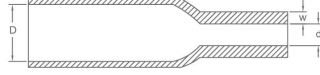
UL224/VW-1/600V/SAE-AMS-DTL 23053/5°Class1(colors); Class 2(clear)

Operating Temp

-55°C to 135°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 175°C for 168hrs	UL 224	70% retention minimum
Ultimate elongation after Aging at 175°C for 168hrs	UL 224	100% minimum
Heat shock at 250°C for 4hrs	UL 224	No dropping & cracking
Flammability	UL 224	VW-1(except for clear)
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	0.38
1/16	1.6	0.8	0.40
3/32	2.4	1.2	0.48
1/8	3.2	1.6	0.48
3/16	4.8	2.4	0.48
1/4	6.4	3.2	0.56
5/16	8.0	4.0	0.62
3/8	9.5	4.8	0.62
1/2	12.7	6.4	0.62
5/8	15.9	8.0	0.68
3/4	19.1	9.5	0.69
1	25.4	12.7	0.89
1-1/4	31.8	15.9	1.00
1-1/2	38.1	19.1	1.00
2	50.8	25.4	1.10
3	76.2	38.1	1.20
4	101.6	50.8	1.35
5	127.0	63.5	1.40
6	151.0	75.0	1.40

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

Ordering information

Color	Standard	Black
	Nonstandard	Red, Yellow, Blue, Green
Standard packaging	In 1.2-meter [4-foot] lengths or on spools.	
Ordering description	Specify product name, size and color (for example, GTF 6.4/3.2 Red)	

* Other colors and cutting length are available on request.