

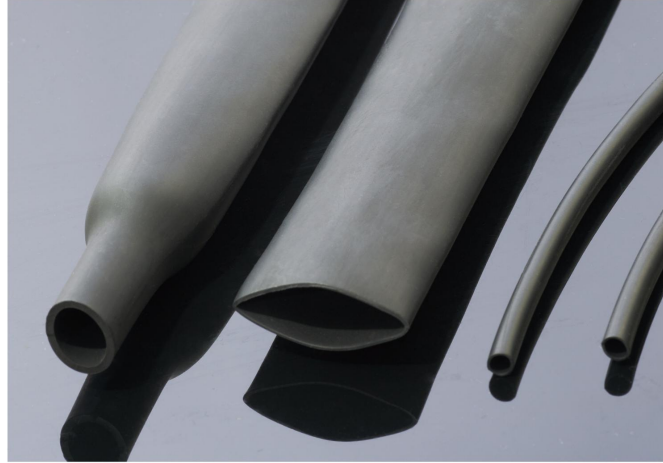
Special Products

**GFF-200**

*Fluoroelastomer flame retardant tubing*

**Features**

- ◎ 2:1 Shrink Ratio
- ◎ Flexibility at low temperatures without cracking
- ◎ RoHS compliant



**Applications**

Made from modified fluoroelastomer (Viton), with superior impact, abrasion and cut through resistant.

It is suitable to many applications requiring high resistance to corrosive fluids, fuels, lubricants, acids and solvents at elevated temperature.

**Specification/Approvals**

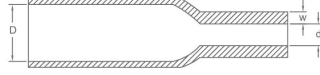
UL224/VW-1/600V/SAE-AMS-DTL 23053/13 compliant

**Operating Temp**

-40°C to 200°C

**Typical technical performances**

Test Items	Test Method	Test Requirements
Tensile strength	ASTM D 2671	8.2MPa minimum
Ultimate elongation	ASTM D 2671	250% minimum
Tensile strength after*Aging at 250°C for 168hrs	UL 224	8.2MPa minimum
Ultimate elongation after*Aging at 250°C for 168hrs	UL 224	200% minimum
Heat shock at 300°C for 4hrs	ASTM D 2671	No cracking & dripping
Dielectric strength	ASTM D 2671	7.9kV/mm minimum
Volume resistance	ASTM D 2671	10 <sup>9</sup> Ω.cm minimum
Cold bend at -40°C for 4hrs	ASTM D 2671	No cracking
Flammability	UL 224,VW-1	Pass
Fluid resistance Tensile strength Ultimate elongation	ASTM D 2671, diesel fuel 70°C /24hrs	8.2MPa minimum 250% minimum



## Dimensions

Size(Inch)	As supplied(mm)	After recovered (mm)	
	D*(Min.)	d*(Max.)	w*(Min.)
3/32	2.4	1.2	0.67
1/8	3.2	1.6	0.76
3/16	4.8	2.4	0.90
1/4	6.4	3.2	0.90
3/8	9.5	4.8	1.00
1/2	12.7	6.4	1.16
5/8	15.9	8.0	1.30
3/4	19.1	9.5	1.30
1	25.4	12.7	1.70
1-1/2	38.1	19.1	1.90
2	50.8	25.4	1.90
3	76.2	38.1	2.00

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, GFF-200 15.9/8.0 Black)	
* Other cutting length are available on request.		