

Fluoroelastomeric Tubing



Features:

- Crosslinked fluoroelastomer
- Superior abrasion resistance
- High temperature resistance
- Excellent resistance to aggressive chemicals and solvents
- Available with various wall thickness
- Operating temp.: -55°C to +200°C
- Min. full recovery temp.: 175°C
- Meets: SAE-AMS-DTL-23053/13

Approvals:

- VW-1, File No: E249362

Technical properties:

Property	Test Method	Typical Data
Tensile strength	ASTM D 2671	≥8.5 MPa
Ultimate elongation	ASTM D 2671	≥250%
Heat aging Tensile strength Ultimate elongation	250°C, 168 hrs.	>8 MPa >200%
Heat shock	300°C, 4 hrs.	No cracking
Flammability	VW-1	Pass
Volume resistance	ASTM D 876	≥10 ¹⁴ Ω.cm
Dielectric strength	ASTM D 2671	≥7.9 kV/mm
Copper stability	UL 224	Pass
Copper corrosion	UL 224	No corrosion

Dimensions:

Size (inch)	As supplied (mm)		After recovered (mm)		Standard length (m/spool)
	(mm)	D*(Min.)	d*(Max.)	w*(Min.)	
H-200E Fluoroelastomer tubing					
1/8	3.2	3.2	1.6	0.76	50
3/16	4.8	4.8	2.4	0.9	50
1/4	6.4	6.4	3.2	0.9	50
3/8	9.5	9.5	4.8	0.9	50
1/2	12.7	12.7	6.4	1.1	30
3/4	19.1	19.1	9.5	1.3	30
1	25.4	25.4	12.7	1.65	30
1½	38.1	38.1	19.1	1.9	15
2	50.8	50.8	25.4	2.8	15
H-200E(TW) Thin wall fluoroelastomer tubing					
3/8	9.5	9.5	4.8	0.9	50
1/2	12.7	12.7	6.4	0.9	30
5/8	15.9	15.9	7.9	1.07	30
3/4	19.1	19.1	9.5	1.07	30
7/8	22	22	11	1.25	30
1	25.4	25.4	12.7	1.25	30
1¼	31.8	31.8	15.7	1.4	30
1½	38.1	38.1	19	1.4	15
2	50.8	50.8	25.4	1.65	15

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

Ordering information:

Standard colors:

Black

Special colors:

N/A

Packaging:

Standard packaging on spools.

Special: 1m, 1.22m pieces are available on request.

Other: Other cut lengths are available, please contact our sales department.