



# DM-PFA THIN WALL TUBING

260°C Temperature Resistant PFA Heat Shrinkable Tubing

### Applications

PFA heat shrinkable tubing is made of PFA with excellent high temperature performance, chemical resistance, high insulation and excellent mechanical properties. Designed to provide insulation and mechanical protection in severe chemical and thermal environments. Widely used in electronic, aerospace, military and communication fields. Compared to PTFE tubing, PFA has excellent clarity.

### Features:

- Shrink ratio 1.3:1
- High flame resistance
- High temperature resistant to 260°C
- Superior physical and chemical properties.
- RoHS and REACH compliant.

### Operating Temperature Range

Operating temperature: -65°C~ 260°C

Minimum fully recovery temperature: 350°C

### Technical Data

Property	Requirement	Test Method	Typical Data
Longitudinal shrinkage	≤5%	ASTM D 2671	≤3%
Tensile strength	17.3 MPa min.	ASTM D 638	≥25MPa
Elongation at break	200% min.	ASTM D 638	≥300%
Dielectric voltage withstand	2500V,60sec, no breakdown	ASTM D 2671	pass
Volume resistivity	10 <sup>15</sup> Ω·cm min.	ASTM D 876	≥10 <sup>16</sup> Ω·cm
Flammability	VW-1	UL224	pass
Dielectric constant			2.1
Friction coefficient			0.1-0.2

### Dimensions

Size As Supplied (mm)	Size After Recovery (mm)		Standard length
	Inside Diameter	Wall Thickness, (t)	m/spool
	Max. (d)		
7	5.7	0.25±0.05	1
11.5	9.3	0.35±0.05	1
14.5	11.7	0.35±0.05	1
19	15.3	0.35±0.05	1
24	19.3	0.50±0.10	1
28	22.5	0.50±0.10	1
35	28.1	0.50±0.10	1
44	36.1	0.50±0.10	1
54	43.3	0.50±0.10	1
66	52.9	0.50±0.10	1
78	62.5	0.50±0.10	1
90	72.1	0.50±0.10	1
103	82.5	0.50±0.10	1

