



## S6 Diesel Resistant Elastomeric Heat Shrinkable Tubing

### Features

- Cross-linked specially formulated elastomeric compounds.
- Flexible, flame-retardant
- Excellent resistance to oil, diesel and hydraulic fluids.
- RoHS and REACH compliant
- Operating temperature: -75~150 °C
- Shrink temperature: 150 °C
- Shrink Ratio: 2:1

### Standards

- SAE AMS-DTL-23053/16

### Dimensions

Reference UPM S6	As supplied(mm) ID min.	After recovered(mm) ID max.	WT nom.	Standard length m/spool
2.4	2.4	1.2	0.51±0.08	200
3.2	3.2	1.6	0.76±0.15	100
4.8	4.8	2.4	0.84±0.15	100
6.4	6.4	3.2	0.89±0.15	100
9.5	9.5	4.8	1.02±0.20	50
12.7	12.7	6.4	1.22±0.20	50
19.1	19.1	9.5	1.45±0.28	30
25.4	25.4	12.7	1.78±0.28	30
38.1	38.1	19.1	2.41±0.41	30
50.8	50.8	25.4	2.79±0.41	25

● ID=Internal Diameter

● WT= Wall Thickness

### Technical Data

Property		Test Method	Values
Physical	Longitudinal shrinkage	ASTM D 2671	≤5%
	Tensile strength	ASTM D 2671	≥13 MPa
	Breakdown elongation	ASTM D 2671	≥400%
Aging (150°C/168hrs)	Tensile strength	ASTM D 2671	≥12 MPa
	Breakdown elongation	ASTM D 2671	≥300%
	Heat shock(215°C/4hrs)	ASTM D 2671	No cracking
	Low temperature flexibility(-75°C/4hrs)	ASTM D 2671	No cracking
Electrical	Dielectric voltage Withstand	ASTM D 2671	2500V,60s No breakdown
	Volume resistivity	ASTM D 2671	≥10 <sup>10</sup> Ω.cm
	Dielectric strength	ASTM D 2671	≥16 KV/mm
Chemical	Flammability	ASTM D 2671	Self-extinguish in 60s
	Copper corrosion	ASTM D 2671	No corrosion
Fluids resistance (23°C/24hrs)	Tensile strength	ASTM D 2671	≥12 MPa
	Breakdown elongation	ASTM D 2671	≥300%
	Dielectric strength	ASTM D 2671	≥12 KV/mm

### Typical application

- Suitable for resistance to aviation and diesel fuels, hydraulic fluids, lubricating oils, and chemical solvents.
- Ideal for the protection of cables, wiring harnesses and connectors in military vehicles and motorsport.

### Ordering

- Standard color : Black
- Standard packaging on spools
- Please specify specification, quantity when ordering

### Cross reference

- Raychem/Tyco : DR25