



# DM-DR THIN WALL TUBING

Diesel resistant heat shrink tubing

## Applications

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

## Features

Cross-linked specially formulated elastomeric compounds.  
Flexible, flame-retardant.  
Excellent resistance to oil, diesel and hydraulic fluids.

## Various

Operating temperature : -75°C to +150°C  
Shrink temperature: 150°C  
Shrink ratio: 2:1



## Technical Data

Property		Test Method	Typical Data
Physical	Operating temperature	UL 224	-75°C to + 150°C
	Longitudinal shrinkage	ASTM D2671	≤0.5%
	Tensile strength	ASTM D2671	>13 MPa
	Elongation at break	ASTM D2671	≥400%
	Tensile strength at aging 150°C/168hrs	ASTM D2671	≥12Mpa
	Elongation at break at aging 150°C/168hrs	ASTM D2671	≥300%
	Heat shock (215°C/4hrs)	ASTM D2671	No cracking
	Low Temperature flexibility (-75°C/4hrs)	ASTM D2671	No cracking
Electrical	Dielectric voltage withstand	ASTM D2671	2500V, 60s No breakdown
	Volume resistance	ASTM D2671	≥10 <sup>10</sup> Ω.cm
	Dielectric strength	ASTM D2671	≥16/KV/mm
Chemical	Flammability	ASTM D2671	Self-extinguish in 60s
	Copper corrosion	ASTM D2671	No corrosion
Fluids resistance (23°C/24hrs)	Tensile strength	ASTM D2671	>12MPa
	Elongation at break	ASTM D2671	≥300%
	Dielectric strength	ASTM D2671	≥12KV/mm



## Dimensions/Shrink ratio 2:1

Size As Supplied (mm)	Size After Recovery(mm)		Standard length m/spool
Inside Diameter Min. (D)	Inside Diameter Max. (d)	WT. (mm)	
2.4	1.2	0.76 ± 0.15	200
3.2	1.6	0.76 ± 0.15	200
4.8	2.4	0.84 ± 0.15	100
6.4	3.2	0.89 ± 0.15	100
9.5	4.8	1.02 ± 0.2	50
12.7	6.4	1.22 ± 0.2	50
19.1	9.5	1.45 ± 0.28	50
25.4	12.7	1.78 ± 0.28	25
38.1	19.1	2.41 ± 0.41	25
50.8	25.4	2.79 ± 0.41	25

\*Spools as standards. 1 m. or 1,22 m. sticks, special spool lengths or cut pieces available on request.  
Special sizes (up to 7 inches) and other special features available on request