

Diesel Resistant Flexible Elastomeric Heat Shrink Tubing

Diesel resistant elastomeric heat shrink tubing for protecting cables, wire harness and brake lines in transportation and military applications where resistance to diesel, oil, hydraulic fluids and other chemicals is critical.

Features and Application

2:1 shrink ratio

Long term resistance to diesel, hydraulic fluids and chemicals

Flexible

Flame retardant

High abrasion and cut resistance

Continuous operating temperature: -75°C - 150°C

Shrink temperature: 150°C

Meets SAE-AMS-DTL 23053/16

Dimensions 2:1 (2X)

Size		Expanded (mm)	Recovered (mm)		Standard Package m/spool
Inch	mm	Internal Diameter mm(min)	Internal Diameter mm(max)	Wall Thickness mm(nom)	
1/8	3,2	≥3,2	≤1,6	0,76±0,20	100
3/16	4,8	≥4,8	≤2,4	0,84±0,20	100
1/4	6,4	≥6,4	≤3,2	0,89±0,20	100
3/8	9,5	≥9,5	≤4,8	1,02±0,25	50
1/2	12,7	≥12,7	≤6,4	1,22±0,25	50
3/4	19,1	≥19,1	≤9,5	1,45±0,30	30
1	25,4	≥25,4	≤12,7	1,78±0,30	30
1-1/2	38,1	≥38,1	≤19,0	2,41±0,40	25
2	50,8	≥50,8	≤25,4	2,79±0,40	25
3	76,2	≥76,2	≤38,0	3,18±0,50	25

Technical Data

Property	Test method	Standard performance
Tensile strength(MPa)	ASTM D 2671	≥11,7
Elongation (%)	ASTM D 2671	≥250
Tensile Strength after aging (MPa)	UL224 150°CX168hr	≥8,0
Elongation after aging (%)	UL224 150°CX168hr	≥200
Dielectric strength(kV/mm)	IEC 60243	≥15
Flammability	ASTM D 2671 / B	Pass
Longitudinal Shrink Ratio (%)	UL 224	≤±8
Heat Shock	4hrs/200°C	No Crack

Standard Colours

black