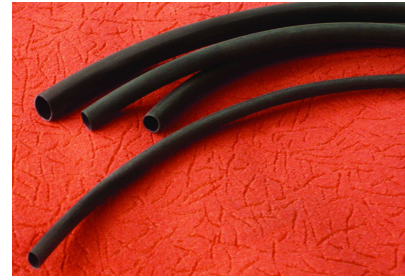


CYG-DR Diesel-Resistant Elastomeric Tubing

CYG-DR is made from modified radiation cross-linked elastomers, has superior diesel, chemical and abrasion resistant properties. The specially designed formulation make the tubing high temperature fluid resistant and long term heating resistant. It can provide effective protection to cable termination, splices and joint used in military vehicles. It Meets SAE-ASM-DTL-23053/16



Technical Data:

Item	Test Method	Typical Data
Min. Shrink Temperature		175°C
Operating Temperature range		-75 °C to +150°C
Tensile Strength	ASTM D638	≥13MPa
Elongation at Break	ASTM D638	≥250%
Longitudinal Change	ASTM-D 2671	≤5%
Secant Modulus	ASTM-D882	≤30MPa
Specific Gravity	ASTM-D 795 A-I	1.5g/cm ³
Elongation at Break after Aging (168hrs,at160°C)	IEC 811-1-2	220%
Tensile Strength after Aging at (168hrs,at 160°C)	IEC 811-1-2	13 MPa
Heat Shock (4hrs at 215°C)	IEC 811-1-2	No cracking
Tensile Strength after heat shock(4hrs at 215°C)	IEC 811-1-2	12MPa
Low temperature Flexibility	ASTM D2671	Does not break -75°C
Flammability	UL224	Flame retardant
Dielectric Strength	VDE 0303 Part 2	22Kv/mm
Volume Resistivity	VDE 0303 Part 3	≥10 ⁹ Ω.cm
Corrosive Action	ASTM-D 2671	Non-corrosive
Copper Compatibility	ASTM-D 2671	Non-corrosive
Chemical Resistance		Excellent
Water Absorption	VDE 0472	1.10%

Dimension:2:1

Size (Inch)	As supplied (mm)	After recovered(mm)		Standard Length (M/Spool)
	Min I.D	Max .I.D	Min. W. T	
1/16	1.6	0.8	0.74	100
3/32	2.4	1.2	0.75	100
1/8	3.2	1.6	0.76	50
3/16	4.8	2.4	0.84	50
1/4	6.4	3.20	0.89	50
3/8	9.5	4.80	1.02	50
1/2	12.7	6.40	1.22	30
3/4	19.1	9.50	1.45	30
1	25.4	12.7	1.78	30
1 -1/2	38.1	19.00	2.41	1
2	50.8	25.4	2.79	1

◆Standard color is black, other color is not available