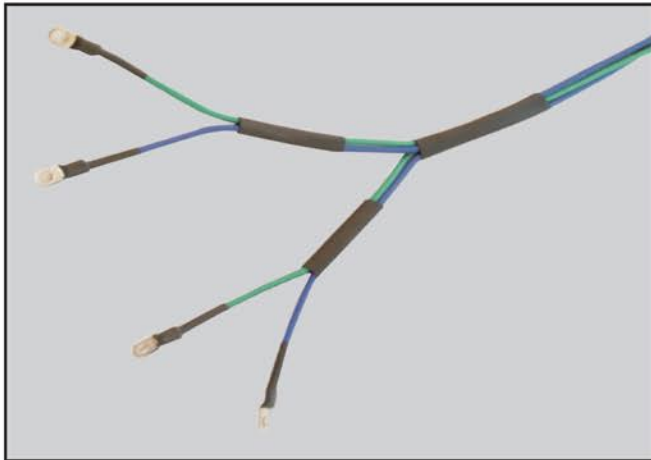


# Diesel Resistant Elastomeric Tubing

## ADR



## Description

ADR has superior diesel, chemical and abrasion resistant properties. Its formulation also makes it suitable for use in areas where it requires extended exposure to high temperatures and fluids.

## Features

- Shrink Ratio 2:1
- Crosslinked modified elastomer
- Operating temperature -65 to 150 °C
- Superior abrasion resistance
- Flame retardant
- Highly flexible
- Excellent temperature and fluid resistance
- Colours - Black
- Minimum fully recovered shrink Temperature, 175°C
- Meets: SAE-AMS-DTL-23053/16
- RoHS compliant
- UV Resistant

## Technical Data

Properties	Test Method	Typical Values
Tensile (MPa)	ASTM D 2671	≥ 13
Elongation (%)	ASTM D 2671	≥ 250
Heat Ageing: Elongation (%)	ASTM D 2671 (150°C, 168 hrs)	≥ 200
Heat Shock	200°C, 4 hrs	No Cracking
Flexibility (2% secant) MPa	ASTM D882	≤ 50
Fluid resistance: Tensile strength (MPa)	ISO 37, 24 hrs (diesel at 70°C)	≥ 10
: Elongation (%)	Hydraulic at 70°C, lubricant at 100°C	≥ 200
Flammability	ASTM D 2671	Self-extinguish in 15 sec
Volume Resistivity (Ω.cm)	ASTM D 876	> 10 <sup>9</sup>



## Applications

- Automotive wiring harnesses
- Applications that requires superior abrasion and temperature resistance combined with flame retardancy as required in military vehicles

## Dimensions

Product	Inside Diameter (mm)		Wall Thickness (mm)	Reel Length (m)
	Supplied	Recovered	Recovered	
ADR2.4	2.4	1.2	0.51	150
ADR3.2	3.2	1.6	0.76	50
ADR4.8	4.8	2.4	0.85	50
ADR6.4	6.4	3.2	0.90	50
ADR9.5	9.5	4.8	1.02	50
ADR12.7	12.7	6.4	1.22	50
ADR19.1	19.1	9.5	1.45	50
ADR25.4	25.4	12.7	1.80	30
ADR38.1	38.1	19.1	2.40	15
ADR50.8	50.8	25.4	2.40	15

