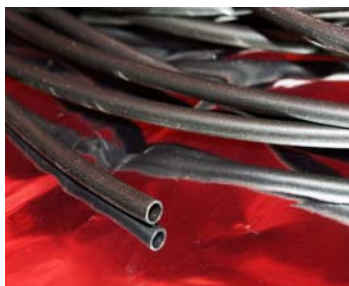


# Flexible Abrasion Resistant Elastomer Tubing 2:1 Ratio



Flame retardant, elastomer tubing specially formulated for long term resistance to fluids, heat and mechanical abuse. Recommended for protecting cables and wire harnesses on military ground vehicles and is used in a variety of applications requiring ruggedness and fluid resistance.

- Operating Temperature Range -70°C to 120°C
- Shrink Temperature 110°C
- Abrasion Resistant
- Military Approval
- Shrink Ratio 2:1

## Shrink Sleeve

The Worldwide Tubing Solution

Shrink Sleeve Limited is a leading company providing electrical and mechanical heat shrink tubes for a variety of industries and applications. Starting from products created by extensive developmental research. Shrink Sleeve Limited continues to respond to needs of customers and aims to become one of the most powerful heat shrink tube brands in the 21st Century.

[www.shrinksleeve.com](http://www.shrinksleeve.com)

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## Technical Data

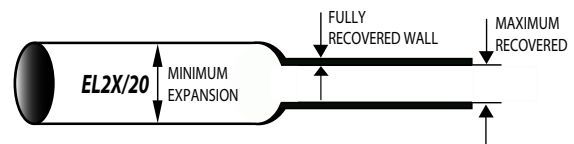
Property	Test Method	Values
Tensile Strength	ISO 37	14 MPa min.
Ultimate Elongation	ISO 37	350% min.
Heat Shock	ASTM D 2671 (4hrs at 200°C)	No dripping, cracking or flowing
Heat Ageing	ISO188(168hrs at 150°C)	
Ultimate Elongation	ISO 37	200% min.
Low Temperature Flexibility	ASTM D 2671 (4hrs at -75°C)	No cracking
Flammability(Except Clear)	ASTM D 876	Pass
Electric Strength	ICE 243	8KV/mm min.
Corrosion(Copper Contact)	ASTM D 2671	No corrosion
Water Absorption	ISO 62	0.5% max.
Fluid Resistance	ISO 1817	
Gasoline		
Hydraulic Fluid		
Lubrication Oil		
Tensile Strength	ISO 37	10 MPa min.
Ultimate Elongation		200% min.
Fungus Resistance	BS 2011 Pt.2.1J	
Tensile Strength		Not greater than rating 2
Ultimate Elongation		

## Specification References

MILITARY	FLAME RETARDANT
MIL-DTL 23053/16	MIL

## Dimensions

ORDERING No. size ref (mm)	MINIMUM EXPANSION (mm)	MAXIMUM RECOVERED (mm)	FULLY RECOVERED WALL (mm)	STANDARD REEL LENGTH (M)
3.2	3.2	1.6	0.76	50
4.8	4.8	2.4	0.84	50
6.4	6.4	3.2	0.89	50
9.5	9.5	4.8	1.02	50
12.7	12.7	6.4	1.22	30
19	19.0	9.5	1.45	30
25.4	25.4	12.7	1.78	30
38.1	38.1	19.1	2.41	15



Colour : Black (BK)

Order : Product Size / Temp Colour  
 EL2X \_\_\_ / 20 \_\_\_  
 Ex. 3.2 ID Black - EL2X 3.2/20 BK