

# Flexible, Flame Retarded Heat Shrink Sleeve Polyolefin Tubing General 2:1 Ratio



A highly flexible, radiation cross-linked tubing used for insulating, jacketing and bundling of wire harnesses and components. Made from flame retardant polyolefin, it has excellent electrical, chemical and physical properties. Operates in temperatures up to 135°C and is U/L recognized.

- Operating Temperature Range -55°C to 135°C
- Shrink Temperature 100°C
- Shrink Ratio 2:1
- Military, UL Approvals



## Shrink Sleeve Ltd.

### 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 early 21st Century.

Shrink Sleeve Ltd.

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## Technical Data

Property	Test Method	Values
Tensile Strength	ISO 37	10 MPa minimum
Ultimate Elongation	ISO 37	250% minimum
Specific Gravity	ISO 1183	1.4 maximum
Heat Shock	ASTM D 2671 (4hrs at 250°C)	No dripping, cracking or Flowing
Heat Ageing	ISO 188 (168hrs at 175°C)	
Ultimate Elongation	ISO 37	150% minimum
Low Temperature Flexibility	ASTM D 2671 (4hrs at -55°C)	No cracking
Flammability(Except Clear)	ASTM D 876	Pass
Electric Strength	ICE 243	20KV/mm minimum
Corrosion(Copper Contact)	ASTM D 2671	No corrosion
Water Absorption	ISO 62	0.5% maximum
Fluid Resistance	ISO 1817	
Gasoline		
Hydraulic Fluid		
Lubrication Oil		
Tensile Strength	ISO 37	7MPa minimum
Ultimate Elongation		200% minimum
Fungus Resistance	ISO 846	
Tensile Strength	ISO 37	10 MPa minimum
Ultimate Elongation		250% minimum

## Specification References

Military	UNDERWRITERS LAB	CSA
MIL-DTL 23053/5 DEF STAN 59-97 VG95343 Pt 5	UL 224 VW1 600V, 125 °C 	600V, 125 °C (OFT) 

## Dimensions

ORDERING No. size ref.	MINIMUM EXPANSION mm	MAXIMUM RECOVERED mm	FULLY RECOVERED WALL mm	STANDARD REEL LENGTH m
12	1.2	0.6	0.45	150
16	1.6	0.8	0.45	150
24	2.4	1.2	0.50	150
32	3.2	1.6	0.50	150
48	4.8	2.4	0.50	150
64	6.4	3.2	0.65	75
95	9.5	4.8	0.65	75
127	12.7	6.4	0.65	75
190	19.1	9.5	0.75	60
254	25.4	12.7	0.90	60
381	38.1	19.1	1.00	30
508	50.8	25.4	1.15	30
762	76.2	38.1	1.25	30
1016	101.6	50.8	1.40	30

Colour : Black (BK), Red (RD), Yellow (YW), White (WT),  
Blue (BU), Clear (CR). (Other colours available to order)

ORDERING INFORMATION : Product Size Grade Trace Colour  
PF2X \_\_\_\_ /D35 Q \_\_\_\_  
e.g. PF2X1016/D35QRD