

Heat Shrink Tubing

3:1 Shrink Ratio



Features:

- Flexible, flame retarded heat shrinkable Polyolefin tubing
- Operating temperature range : -55°C to +135°C
- Shrink temperature : 100°C

Notes : High shrink ratio accommodates difficult or irregular shapes

Specification Values

Property	Test Method	Values
Physical	-	-
Tensile Strength	ISO 37	10 Mpa (min.)
Ultimate Elongation		250% (min.)
Specific Gravity	ISO 1183	1.35 (max.)
Heat Shock	ASTM D2671 (4 hours at 250°C)	No dripping, cracking or flowing
Heat Ageing	ISO 188 (168 hours at 175°C)	-
Heat Ageing (Ultimate Elongation)	ISO 37	150% (min.)
Low Temperature Flexibility	ASTM D2671 (4 hours at -55°C)	no cracking
Flammability (Except Clear)	ASTM D876	pass
Electric Strength	IEC 243	20 KV / mm (min.)
Corrosion (Copper Contact and Copper Mirror)	ASTM D2671	no corrosion
Water Absorption	ISO 62	0.5% (max.)
Fluid Resistance	ISO 1817	-
Fluid Resistance (Gasoline)	-	-
Fluid Resistance (Hydraulic Fluid)	-	-
Fluid Resistance (Lubricating Oil)	-	-
Fluid Resistance (Tensile Strength)	ISO 37	5MPa (min.)
Fluid Resistance (Ultimate Elongation)	-	200% (min.)
Fungus Resistance	ISO 846	-
Fungus Resistance (Tensile Strength)	ISO 37	10Mpa
Fungus Resistance (Ultimate Elongation)	-	250% (min.)

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Specification Table

Minimum Expansion	Maximum Recovered	Nominal Recovered Wall	Standard Length (m)	Coil Length (m)	Colour	Part Number
1.5	0.5	0.45	1.2	-	Black	SP3X15/1.2/BLACK
3	1	0.55		-		SP3X3/1-1.2 BLACK
4.55	1.5	0.6		-		SP3X4.5/1.5-1.2MBLACK
6	2	0.65		-		SP3X6/2-1.2MBLACK
9	3	0.75		-		SP3X9/3-1.2MBLACK
12	4			-		SP3X12/4-1.2MBLACK
18	6	0.85		-		SP3X18/6-1.2MBLACK
24	8	1		-		SP3X24/8-1.2MBLACK
39	13	1.15		-		SP3X39/13-1.2MBLACK
1.5	0.5	0.45		-		5
3	1	0.55	-	SP3X30/5/BLACK		
4.55	1.5	0.6	-	SP3X45/5/BLACK		
6	2	0.65	-	SP3X6/2-5MBLACK		
9	3	0.75	-	SP3X9/3-5MBLACK		
12	4		-	SP3X12/4-5MBLACK		
18	6	0.85	-	SP3X18/6-5MBLACK		
24	8	1	-	SP3X24/8-5MBLACK		
39	13	1.15	-	SP3X39/13-5MBLACK		

Dimensions : Millimetres (Unless Specified)

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