

## YAMUNA DENSONS Heat Shrinkable Medium Wall Tubing upto 66 kV

### Features :

- Suitable for a variety of low voltage electrical and mechanical applications
- Suitable for underground buried conditions
- Continuous operation temperature: -40°C to 125°C
- Meets the requirements of ESI 09 13
- Shrink Temperature: 120°C
- Unlimited shelf life
- Adhesive lined also available

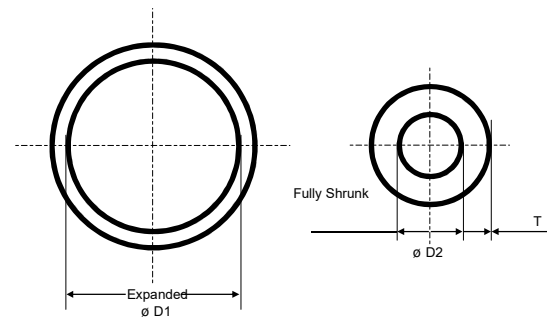


Cross linked Polyolefin Polymer suitable for low and medium voltage Indoor installation and shrouding on telephone lines, power lines and conditioning ducts etc.

### Specifications:

#### Dimension Chart for Heat Shrink Medium Wall Tubing

Code	As Supplied ø D1 (max.)	After Recovered ø D2 (max.)	T (min.)
DMSR - 15/6	15	6	2.2
DMSR - 25/8	25	8	2.5
DMSR - 36/12	36	12	2.5
DMSR - 50/16	50	16	2.5
DMSR - 63/19	63	19	2.5
DMSR - 75/22	75	22	2.5
DMSR - 95/25	95	25	3.0
DMSR - 115/34	115	34	3.0
DMSR - 140/42	140	42	3.0
DMSR - 160/50	160	50	3.0
DMSR - 180/60	180	60	3.5



**Note:** All dimensions are in mm

#### Technical Data for Heat Shrink Medium Wall Tubing

Property	Requirements	Test Method
<b>Physical</b>		
Specific Gravity	1.10	ASTM D 1505 / ISO 1183
Tensile Strength	10 N/mm <sup>2</sup> (min.)	ASTM D 412 / ISO 37
Ultimate Elongation	200% (min.)	ASTM D 412 / ISO 37
Water Absorption (25°C)	0.5% (max.)	ASTM D 570
<b>Thermal Ageing</b>		
Continuous Operating Temperature	-55°C to +130°C	IEC 216
Shrink Temperature	120°C (min.)	IEC 216
Heat Shock (30 min. 200°C)	No cracking / No flowing	
Heat Ageing (168 hrs 120°C)		
Tensile Strength	7.0 N/mm <sup>2</sup> (min.)	ASTM D 412 / ISO 37
Ultimate Elongation	100% (min.)	
Low Temperature Flexibility (-20°C)	No cracking	ASTM D 2671
<b>Electrical</b>		
Dielectric Strength	10 kV/mm (min.)	ASTM D 149 / IEC 243
Volume Resistivity	1 x 10 <sup>12</sup> Ω cm (min.)	ASTM D 257 / IEC 93
Dielectric Constant	2 (min.) To 5 (max.)	ASTM D 150 / IEC 250