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## Heat Shrinkable Medium Wall Tubing : LVT

### Product Features

#### FOR LOW VOLTAGE INSULATION

Ikebana LVT, heat-shrinkable medium wall tubing, has been specially developed for applications with power cables up to 1 kV. Ikebana LVT has excellent insulating properties combined with toughness, resistance to impact and abrasion thus providing mechanical protection. It offers good protection from environmental effects, ultra-violet radiation and moisture. It is also resistant to oil and solvent attacks

Ikebana LVT is easy to install. A common gas torch is required to heat and recover the tube onto the power cable or accessories. Ikebana LVT has a high shrink ratio which allows it to be used with a wide range of cable sizes. Ikebana LVT is available in two forms: Uncoated LVT-U and coated with hot melt adhesive LVT-C. Coated tubes offer complete sealing.



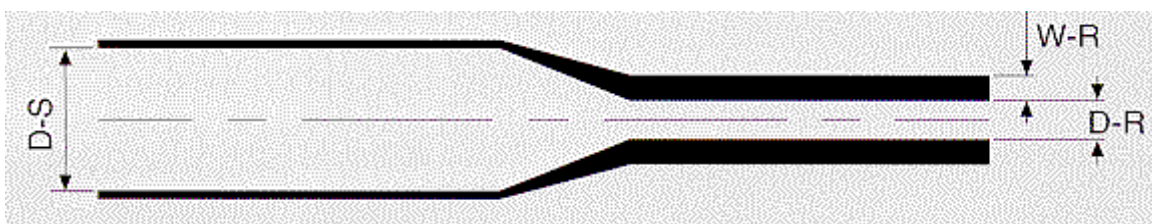
- **EXCELLENT HEAT RESISTANCE** : Made from cross linked polyolefins, non melting
- **LARGER APPLICATION RANGE** : Expansion ratio 3:1
- **CONTINUOUS OPERATING TEMPERATURE** : -55 °C to +125 °C
- **SHRINK TEMPERATURE** : Min. 120 °C
- **EASY INSTALLATION** : In the factory or at site using gas torch or hot blower.

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## Properties

	Test Method	Typical Data
Tensile Strength	ASTM D 638	18 MPa
Ultimate Elongation	ASTM D 638	730%
Accelerated ageing : 7 days at 158 °C	ASTM D 2671	
Tensile Strength		17.7 MPa
Ultimate Elongation		700%
Heat Shock : 30 mins at 200 °C	ASTM D 2671	No cracking, dripping or flowing
Volume Resistivity	IEC 60093	$1 * 10^{14}$ Ohm cm
Dielectric Strength	IEC 60243	17 kV/mm
Water Absorption	ISO 162	0.2%

## Dimensions and ordering information



Size (mm)	Inside Diameter		Wall Thickness	Standard Length (meters)	
	Min D - S	Max D - R	W - R	LVT-U (uncoated)	LVT-C (coated)
12/3	12.0	3.0	2.0	30.0	1.0/1.2
20/6	20.0	6.0	2.3	30.0	1.0/1.2
30/10	30.0	10.0	2.7	30.0	1.0/1.2
40/12	40.0	12.0	2.8	30.0	1.0/1.2
50/16	50.0	16.0	3.0	25.0	1.0/1.2
60/20	60.0	20.0	3.0	25.0	1.0/1.2
75/25	75.0	25.0	3.2	20.0	1.0/1.2
85/25	85.0	25.0	3.2	20.0	1.0/1.2

S: As Supplied

R: Fully Recovered

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