



**IKEBANA
ENGINEERING LTD.**

Heat shrinkable cable accessories

Heat Shrinkable Medium Wall Tubing: LVT



Product Features

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.



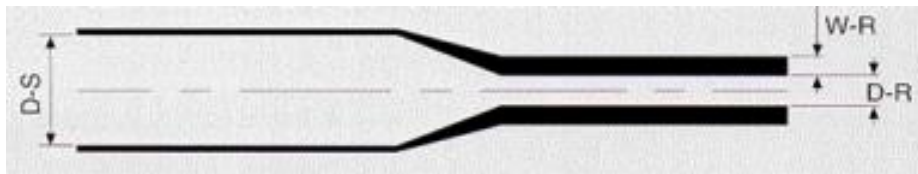
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Properties

	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	3	2.0	30	1.0/1.2
20/6	20	6	2.3	30	1.0/1.2
30/10	30	10	2.7	30	1.0/1.2
40/12	40	12	2.8	30	1.0/1.2
50/16	50	16	3.0	25	1.0/1.2
60/20	60	20	3.0	25	1.0/1.2
75/25	75	25	3.2	20	1.0/1.2
85/25	85	25	3.2	20	1.0/1.2
100/30	100	30	3.4	15	1.0/1.5
115/34	115	34	3.4	1.0/1.5	1.0/1.5
140/42	140	42	3.4	1.0/1.5	1.0/1.5
160/50	160	50	3.4	1.0/1.5	1.0/.15
180/58	180	58	3.4	1.0/1.5	1.0/1.5
200/65	200	65	3.4	1.0/1.5	1.0/1.5
235/65	235	65	3.4	1.0/1.5	1.0/1.5

S: As Supplied

R: Fully Recovered