

Thin Wall Heat Shrink Tubing (Adhesive Lined)

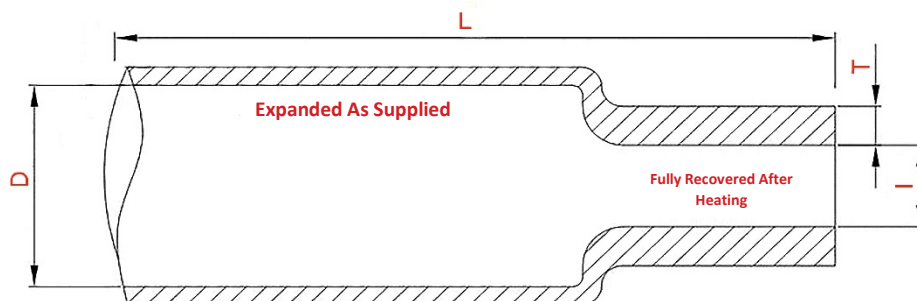


RITTA 3:1

RITTA 3:1 is a flexible heat shrink tubing with internal coating of a hot melt adhesive, to provide moisture proof sealing on cable jackets and other components.

Features:

- Adhesive Lined
- 3:1 shrink ratio
- Flame Retardant (Outer Jacket)
- Excellent resistance to chemicals and solvents
- Excellent electrical properties
- Continuous operating temperature: -50°C to 110°C
- Hot melt adhesive
- RoHS Compliant



*Drawing depicts typical dimensions (Dimensions are all in mm)

D – Internal Diameter | L – Maximum Internal Diameter | L – Length as per requirement | T – Wall Thickness | E – As Supplied | S – After Free Recovery

PRODUCT DIMENSIONS – RITTA Series

CODE	D (mm)		T (mm)
	E	S	S
	Min	Max	Nom.
RITTA 3/1	3	1	0.50
RITTA 4.8/1.6	4.8	1.6	0.50
RITTA 6/2	6	2	0.50
RITTA 9/3	9	3	0.60
RITTA 12/4	12	4	0.80
RITTA 19/6	19	6	0.80
RITTA 25/8	25	8	1.00
RITTA 30/10	30	10	1.00
RITTA 39/13	39	13	1.00

Standard Colour: Black

Other Colours Available on Request

Standard Length = 1.2m Sticks

MATERIAL SPECIFICATIONS

CHARACTERISTIC	VALUE	TEST METHOD
Physical Properties		
Water Absorption	0.5% (max)	ASTM D – 570/ISO 62
Tensile Strength	15 N/sqmm (min)	ASTM D – 412 / ISO 37
Ultimate Elongation	300% (min)	ASTM D – 412 / ISO 37
Longitudinal Change	±5%	QA/TP/51
Torching	No Split	QA/TP/07
Flammability	Flame Retardant	VW – 1 / UL 224
Thermal Ageing Tests (120 for 500 hours)		
Ultimate Elongation	200% (min)	ASTM D – 412 / ISO 37
Tensile Strength	10 N/sqmm (min)	ASTM D – 412 / ISO 37
Brittleness Temperature	-40°C (min)	ASTM D - 2671
Heat Shock (30 min, 200°C)	No Dripping or Cracking	ASTM D -2671
Electrical Properties		
Dielectric Strength	20kV/mm (min)	ASTM D – 149 / IEC 243
Volume Resistivity	1x10 ¹⁴ Ohm-cm	ASTM D – 257 / IEC 93
Chemical Properties		
Fungus Resistance	1 (max)	ASTM G - 21
Chemical resistance immersion in following liquids NaOH (40%), H ₂ SO ₄ (3%), Toluene acetone for 24 hrs at room temperature	Good (no change in Appearance)	ISO 175

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