



- All dimensions are in mm
- Drawing depicts typical dimensions
- E - as supplied
- S - after free recovery
- D - internal diameter without adhesive coating
- L - Length as per requirement

Heat Shrinkable Corrosion Protection Tubes provide environmental sealing to the cable straight through joints for Plastic and Paper insulated cables up to 36kV. The Tubes are made from thermally stabilised cross linked polyolefin based and weather resistant polymeric material.

The Tubes are internally coated with Hot Melt Adhesive.

PRODUCT DIMENSIONS

CODE	SIZE	Dia D		T
		E	S	S
		Min	Max	±20%
RIHT	12/3	12	3	3.0
RIHT	20/7	20	7	3.0
RIHT	30/8	30	8	3.0
RIHT	40/12	40	12	3.0
RIHT	55/18	55	18	3.0
RIHT	65/21	65	21	3.0
RIHT	80/22	80	22	4.0
RIHT	110/37	110	37	4.0
RIHT	130/37	130	37	4.0
RIHT	150/50	150	50	4.0
RIHT	180/65	180	65	4.0

MATERIAL SPECIFICATION

Product Colour - Black

Characteristics	Value	Test Method
Physical Properties		
Specific gravity	1.25±0.2	ASTM D-1505
Water adsorption	0.2% (max)	ASTM D-570 /ISO 62
Tensile strength	10 N/sqmm (min)	ASTM D-412 /ISO 37
Ultimate elongation	350% (min)	ASTM D-412 /ISO 37
Hardness	45±3 shore D	ASTM D-2240
Thermal Ageing Tests (120°C for 500hrs)		
Tensile strength	8 N/sqmm (min)	ASTM D-412 /ISO 37
Ultimate elongation	300% (min)	ASTM D-412 /ISO 37
Electrical Properties		
Volume resistivity	1×10 ¹² Ohm-cm (min)	ASTM D-257 /IEC 93
Dielectric strength	8 kV/mm (min)	ASTM D-149 /IEC 243
Dielectric constant	3.5 (max)	ASTM D-150 /IEC 250
Chemical Properties		
Fungus resistance	<1	ASTM G-21
Salt spray test	No pitting / No corrosion	ASTM B-117
Chemical resistance immersion in following liquids NaOH(40%), H ₂ So ₄ (3%), Toluene, Acetone for 24 hrs at room temp.	Good (No visual defects)	ISO 175