

# RCCT CATV Tubing

## APPLICATIONS:

Radiform **RCCT** tubing is a cross-linked heat-shrinkable polyolefin tubing used for insulating and sealing underground and aerial connections for CATV , CCTV connections and Control cables splicing joints. The characteristics of the tubing ensure error free installation and provide long life protection through a careful synchronized process. When the tubing reaches the required temperature, the tube recovers, the sealant flows and the thermochromatic paint changes color. The benefits of this process are that cable damage and scorching is eliminated, a waterproof barrier is formed and craft personnel are assured of the integrity of the splice. This product is ideal for installation of heat sensitive cables in the communication and control industries. The tubing provides superior protection while installed and is designed to be selectively strippable from connectors. This accommodates easy and quick re-entry to splice areas.



Internal adhesive coating adheres to practically all surfaces and ensures environmental protection. The sleeve is thermally stable and resistant to UV light and weathering. Few sizes fit virtually all cables and installation is quick and easy.

## GENERAL PROPERTIES OF PRODUCT:

- Low Shrink Temperature
- High Shrink Ratio
- Re-entry of old joints
- Thermochromic paint applied on request.

## Product Dimensions

Part Number	Minimum Expanded ID (mm)	Max, Recovered ID (mm)	Full Recovered Wall Thickness (mm)	Standard Pack 1.2 M Cut Lengths (Lengths/box)
RCCT 12/3	12	3	1.5 mm	60 Lengths/box
RCCT 22/6	22	6	2.5 mm	30 Lengths/box
RCCT 27/8	27	8	2.5 mm	30 Lengths/box
RCCT 35/9	35	9	2.5 mm	20 Lengths/box
RCCT 40/12	40	12	2.5 mm	15 Lengths/box
RCCT 50/17	50	17	2.5 mm	12 Lengths/box
RCCT 72/22	72	22	2.5 mm	10 lengths/box

## Product Technical Data

PROPERTIES	TEST METHOD	TYPICAL VALUE
<b>Physical:</b>		
Tensile Strength& Ultimate Elongation	BS 6910-1	12 Mpa.
Water Absorbtion	BS 6910-	<.5%@25 °C&<1%@50 °C
Secant Modulus	BS 6910-	<175Mpa.
Adhesive Softening Point	ASTM E 28	96 °C(In glycerine)
Adhesive peel Strength to PE	ASTM D1000	75 N/25mm
Adhesive Melting Viscosity	ASTM 3236	160 °C 1800000 mPa.s
<b>Thermal:</b>		
Continuous Operating Temperature	IEC216	-55°C to +110°C
Minimum Shrink Temperature	BS 6910-1	>90°C
Heat Shock@ 250 °C	BS 6910-1	No dripping, cracking or flowing
Thermal Ageing(Tensile Strength)	BS 6910-1	12Mpa.
Thermal Ageing(Tensile Strength)	BS 6910-1	12Mpa.
Thermal Ageing (Elongation)	BS 6910-1	>100%
Low Temperature Flexibility - 20 °C	BS 6910-1	No Cracking
<b>Chemical:</b>		
Fungus Resistance	ISO 846 Method A	Rate 1
Copper Corrosion	ASTM D 2671 B	Good
<b>Electrical :</b>		
Electrical Strength	BS EN 60243	>10kV / mm ( Complied)

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