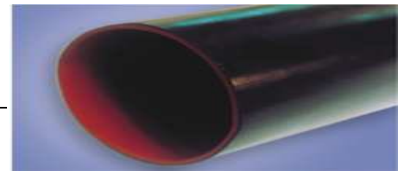


RSCT Semi-Conductive/insulation Double Layer Tubing

Usage: Applied for XLPE and PILC cable up to 36KV

Application: A kind of dual-wall tube which out layer is semi-conductive and inner layer is insulated, it is usually used in power cable joints. No gaps left between insulation and conductive layer that greatly reduces the possibility of partial discharge during cable operation.



Technical Data:

Test item	Test Method	
Inner layer		
Tensile strength	ASTM D 2671	≥12MPa
Elongation at break	ASTM D2671	≥300%
Water absorption	ISO 62	< 0.5%
Volume resistance	IEC93	≥10 ¹⁴ Ω.cm
Dielectric strength	IEC 243	≥20Kv/mm
Density	ASTM D 257-98	1.15g/cm ³
External layer		
Tensile strength	ASTM D638	≥14MPa
Elongation at break	ASTM D638	≥300%
Water absorption	ISO 62	< 0.5%
Volume resistance	IEC93	≥10 ⁴ Ω.cm
Density	ASTM D 257-98	1.15g/cm ³

Dimensions:

Size	As supplied (mm)	After recovered(mm)		Standard Length (m)
	Inside Dia	Max ID	Min Wall T	
RSCT-36/12	36	12	5.0	1-1.5
RSCT-45/14	45	14	5.0	1-1.5
RSCT-55/16	55	16	5.5	1-1.5
RSCT-62/18	62	18	5.5	1-1.5
RSCT-66/20	66	20	5.5	1-1.5
RSCT-73/23	73	23	5.5	1-1.5
RSCT-85/26	85	26	5.5	1-1.5
RSCT-95/30	95	30	5.5	1-1.5
RSCT-115/34	115	34	5.5	1-1.5