

THERMOSHRINK CABLE JOINTING KIT FOR PIJF CABLES

Features:

- Excellent mechanical and corrosion protection.
- High split resistance.
- It can be installed on unpressurised buried, ducted jelly filled cables.
- Suitable for all types of joints of PIJF cables
- Suitable for derivation in joint by using branch-off clips
- Approved by RDSO, Lucknow - Indian Railways



Specifications:

Properties	Requirements	Test Method
Tensile Strength	Min. 155 (125) Kgf/sq.cm	ISO -- R - 527
Ultimate Elongation	Min. 200% (150%)	ISO -- R - 527
Impact brittleness	Below - 40°C	ISO 974
Dielectric strength	Min. 12 kv/mm	ASTM-D-149
ESCR for 48 hrs.	No cracking	ASTM--D - 1693
Carbon content	2.5 % (min)	ISO 7111
Fungus resistance	Growth rate of 1 or less	ASTM -- G - 21
Water absorption for 48 hrs.	0.1% (max)	ASTM -- D - 570

RDSO Specification No. RDSO/SPN/TC/57/2006

Values in Brackets denotes requirements After Thermal Ageing for 168 Hrs. at 150°C ± 2°C and Chemical resistance Immersion for 24 hrs. in solutions of Na₂SO₄, NaCl, NaOH, H₂SO₄

Kit Selection Chart

Type of Kit	Max. dia of splice	Min. dia of splice	Max. permissible splice opening	Cable to which applicable		
				0.50 mm	0.63 mm	0.90 mm
TSF - 1	42 mm	8 mm	225 mm	5/10/20 pair	5/10/20 pair	5/10 pair
TSF - 2	42 mm	8 mm	350 mm	50 pair	50 pair	20 pair
TSF - 3	62 mm	22 mm	350 mm	100 pair	100 pair	50 pair
TSF - 4	92 mm	30 mm	500 mm	200 / 400 pair	200 pair	100 pair
TSF - 5	122 mm	38 mm	500 mm	600 / 800 pair	400 pair	200 pair

Kit Contents

TSF Sleeve	Cleaning Tissue 6 ml	Armour continuity insulated wire	Sheath connector assembly (1+1+1)
S. S.Channel + Under clip/ retention clip	Adhesive PVC Tape 10mtr./Roll	PE Sheet 500 x 300mm	Branch off clip Small / Medium
Aluminium Cannister	Emery Strip (60 mesh)	Splice filling compound 300gms.	Cable tie 254 x 4.75mm
Adhesive Aluminium Foil	Sealant Tape	Cleaning liquid	Installation instructions
	PVC Sleeve 50mm	200gms. / 500gms. / 1000 gms.	Adhesive Polyester Tape

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