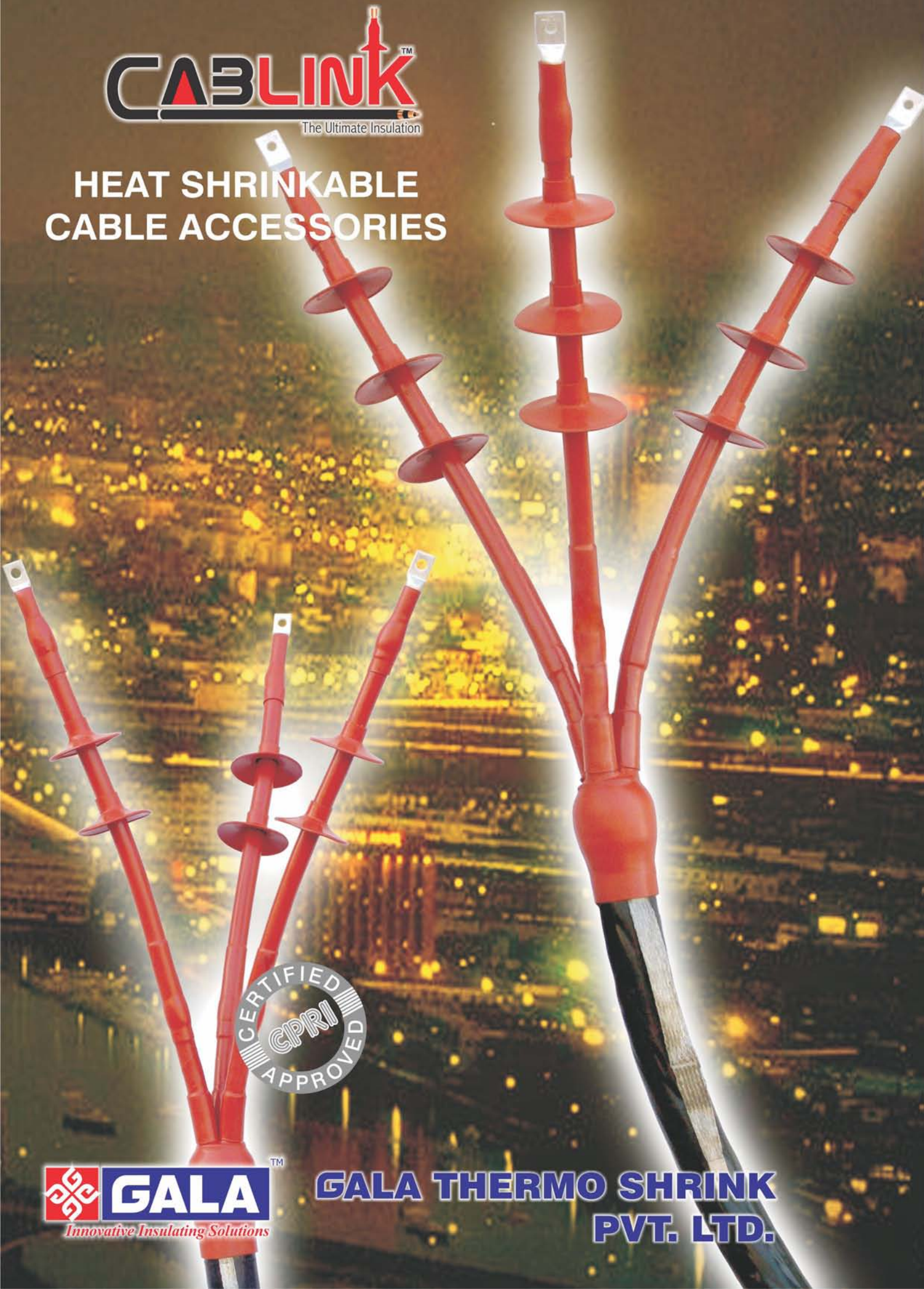




HEAT SHRINKABLE CABLE ACCESSORIES



**GALA THERMO SHRINK
PVT. LTD.**

About Gala

- Established in 1979.
- ISO 9001, 14001 & 18001 Certified.
- Exporting to 92 countries.
- Only manufacturer of Heat Shrinkable Tubes in India.
- 5 Manufacturing locations.

The Product

CABLINK offers unsurpassed technical superiority for perfect termination & jointing of most modern PVC/PILC/XLPE/EPR low & medium range power cable up to 66kV class. Utilizing state of the art polymer manufacturing technology, **CABLINK** range of power cable accessories provide excellent protection against tracking, corona discharge (electrical stress) & dielectric stress. **CABLINK** kits exhibits the ability to effectively function under the most stringent operating conditions for at least the life of the cable on which they are installed. Systems not only offer a technically better solution, but are designed to ensure that they are environment & user friendly.

Salient Features

- Fits a wide dimensional range.
- Accommodation of tolerances, different conductor cross section & cable constructions.
- Repeatable results.
- No shelf life limitations up to or below 50 deg. C.
- Excellent weather & UV resistance.
- Each kit contains easy to follow instructions with well explained visual & graphics for step wise installation techniques.
- Simple and fast installation.
- Pre-designed components for easy & reliable installation.
- Exceptional Insulation properties.
- High tracking resistance in harsh environment.



The Design Standard

- CENELEC HD 629.1
- IEEE 48 & 404
- IEC 60502, 60060, 60230
- BS : 6480
- SEN 24 1434
- EDF HN 33-E-01
- ESI 09-13
- C-81
- IS : 13573

Certificates



ISO 9001



ISO 14001



OHSAS 18001



Type Test Report

Factory Overview



In-house Lab



HEAT SHRINK JOINTS & TERMINATIONS 1.1 KV TO 36 KV

Straight Through Joint for 1.1 kV



Outdoor Terminations for 11 kV



Straight Through Joint for 36 kV



Outdoor Terminations for 36 kV



Other Heat Shrink Products



Medium & Heavy Wall Tubes, Anti-tracking Tubes

Thin Wall Tubes

End Caps

LV Breakouts



Overhead Line Cover

Anti-tracking Breakout

Right Angle & Straight Boots

Rain Sheds

Bus Bar Tubes

Guaranteed Technical Particulars in compliance with IEC 60502-4 & CENELEC HD 629.1

Test Sequence	Parameter For Evaluation	Test Voltage Highest Voltage Umax(KV)			Result
		12	24	36	
DC High Voltage Test (Dry)	15 min.	38	76	114	No breakdown & no flashover
AC High Voltage Test (Dry)	5 min.	29	57	86	No breakdown & no flashover
AC High Voltage Test (Wet) (Only for OD Terminations)	1min.	25.4	51	76	No breakdown & no flashover
Partial Discharge Test	-	11	22	33	≤ 5 pC
Insulation Resistance (Before Impact Test)	1 min. 500 V Dc	-	-	-	$>10^3 \Omega$
Impact Test (For Straight Through Joints)	-	-	-	-	PASS (No visual damage observed)
Insulation Resistance After Impact Test (Immersed)	1 min. 500 V Dc	-	-	-	$>10^3 \Omega$
Impulse Withstand Test at Elevated Temperature	10 Positive & 10 Negative Conductor temperature 95 to 100°C	95	125	170	No breakdown & no flashover
Heating Cycle Test in air	3 cycles 5 hrs heating & 3 hrs cooling	16 AC	30 AC	45 AC	No breakdown & no flashover
Partial Discharge Test at Elevated Temperature	Conductor temperature 95 to 100°C	11	22	33	≤ 5 pC
Partial Discharge Test at ambient Temperature	-	11	22	33	≤ 5 pC
Heating Cycle Test in Air (for Indoor & Outdoor Termination)	60 cycles 5 hrs heating & 3 hrs cooling	16 AC	30 AC	45 AC	No breakdown & no flashover
Heating Cycle Test in Water (for Straight Through Joint)	63 cycles, 8 Hour Cycle, 5 hrs. heating & 3 hrs. cooling	16 AC	30 AC	45 AC	No breakdown & no flashover
Immersion Test (for Outdoor Termination)	10 cycles, 5 hr heating & 3 hr cooling	-	-	-	No breakdown & no flashover
Partial Discharge Test at Elevated Temperature	Conductor temperature 95 to 100°C	11	22	33	≤ 5 pC
Partial Discharge Test at ambient Temperature	-	11	22	33	≤ 5 pC
Impulse Withstand Test at Ambient Temperature	10 Positive & 10 Negative	95 Peak	125 Peak	170 Peak	No breakdown & no flashover
AC High Voltage Test (Dry)	15 min.	16	30	45	No breakdown & no flashover
Examination	-	-	-	-	PASS (No Cracking in the filling, no moisture path across primary seal, or Corrosion and/or Tracking)
DC High Voltage Test (Dry)	15 min.	38	76	114	No breakdown & no flashover
AC High Voltage Test (Dry)	5 min.	29	57	86	No breakdown & no flashover
Thermal Short- Circuit Test	Two Short-circuits to raise conductors to θ_c of the cables	-	-	-	No visible damage
Impulse Withstand Test at Ambient Temperature	10 Positive & 10 Negative	95 Peak	125 Peak	170 Peak	No breakdown & no flashover
AC High Voltage Test (Dry)	15 min.	16	30	45	No breakdown & no flashover
Examination	-	-	-	-	PASS (No cracking in the filling, no moisture path across primary seal, or Corrosion and/or Tracking)
Humidity Test for Indoor Terminations	Water conductivity 70 ± 0.1 mS/m 300 hour spray	8 AC	16 AC	24 AC	PASS (No breakdown & no flashover, no Tracking, Erosion & Mechanical damage after test)
Salt Fog Test for Outdoor Terminations	Salt spray for 1000 hours (1.25 x Uo)	7.94	15.87	23.75	PASS (No breakdown & no flashover, no Tracking, Erosion & Mechanical damage after test)



AN ISO 9001, ISO 14001 & OHSAS 18001 CERTIFIED COMPANY

GALA THERMO SHRINK PVT. LTD.

15 ABCD, Govt. Indl. Est, Charkop, Kandivli, (West), Mumbai - 400 064. (India)

Tel. : [91-22] 2967 5415 / 16 / 17 Fax : [91-22] 2868 8990

Email : info@galathermo.com

Website : www.galathermo.com