



Connecting to Power

Setting New Standards In Cable Jointing



**HEATSHRINKABLE
COLD SHRINKABLE**



elechem



Our company

Welcome to the growing world of ELE CHEM SYSTEMS PVT LIMITED (Formerly "ELE CHEM SYSTEMS"). We are considered as one of the upcoming name in the field of Power Cable Jointing Accessories for more than a decade. We have a very strong base in India & exporting these accessories in various countries and are increasing our clientele at a faster pace in other countries.

Now with the new Group Brand Name '**elechem**', Stared by the foresight and wisdom of Mr. Gurpreet Singh, with the vision of becoming one of the best quality manufacturer in Power Cable Accessories market in the world.

Enthusiast with this growth and guided by our basic principals of Creativity, Commitment, Concern, Care and Core Values, we continue to create innovative & practical product line that surrounds industries to ushers in a better tomorrow.

We have been awarded with ISO 9001:2008 and ISO 14001:2004 certification and all our products are passed through various quality tests to produce state-of-the-art technology product.

Our Motto is to give our customers the value for the money. There is large emphasis endeavour on a very high quality standard and timely delivery. Our Manufacturing Methodology provides a high quality product at economical price giving optimum performance. Ours is an Organisation where the "Customer Comes First" and Customer is always considered right and hence we always try to do our best to provide full satisfaction to our customers.



Our vision

To excel in domestic and international markets with commitment to quality, safety, environment, cost economics and delivery by constantly improving ourselves, our teams, our products and services to become a most preferred, prominent and globally respected corporation.



Our mission

To direct all our organizational efforts at building upon our existing organizational strengths and brand recognition to achieve enhanced levels of growth in the core business and to diversify into new areas that compliment and supplement the core business with the diversification aimed at achieving excellence and industry leader status in the new areas.

Our Core Values

Our Core Values and Keys to success are the basis for establishing a common culture amongst the members of 'elechem' family & based on these values, they achieve business success in dealing with customers, suppliers & partners. Our core value system includes :-

- Quality through continuous improvement
- Environmental Care
- Honesty and Integrity
- Transparency and Building Trust
- Concern for excellence
- Customer Orientation



Our Product and Technology

We are an ISO 9001:2008 & 14001:2004 Certified Company & one of the most trusted manufacturers of Power Cable Joints and End Terminations from 1.1kv to 36 KV PVC/PILC/XLPE/EPR cable. Moreover our range of joints and termination exhibit the ability to function under most stringent operating conditions for most modern PVC/PILC/XLPE/EPR, low and medium voltage power cables from 1.1 kv to 36 KV ratings which is going to be upgraded upto 66 KV very soon. Our products are manufactured utilizing state of the art, high quality polymer technology with a winning combination of advanced engineering, logistic, flexible system management to meet the toughest quality standards of the industry. The heat shrinkable products have been tested in reputed test laboratory.



Our Commitment to Quality

To consistently EXCEED CUSTOMER EXPECTATIONS by achieving excellence in all our Business and Technical processes resulting in customer satisfaction, quality reputation and market leadership by offering best quality products conforming to national and international quality standards at competitive prices with committed delivery schedules.



Our Testing Facility

Our Company is equipped with in-house testing facilities and every product manufactured at **elechem** guarantees best quality, performing consistently to highest standards. Be it stringent inward materials checks, standardized production or up gradation in technology, there is total management support and involvement in ensuring that nothing less than the best is what reaches you, a valued customer. We have a team of highly qualified and experienced engineers and technicians with the initiative of going the extra mile to understand applications of the customers.



Jointer's Training

The Company runs technical sessions in Cable Jointing Practices for Cable Jointers which includes Lectures & Practical Training. The cable jointers are trained in a professional & systematic manner to improve their skills so as enable them to make quality joint and maintain the reliability of the power cable network. An authorization Certificate is issued to the cable Jointers who passes in practical tests for Installations of joints and terminations.



The Design Standards

Our Design Specifications & Quality Standards meet & even exceed the most stringent National/International standards Worldwide. The Quality Management System of various Stages of Design, Development & Manufacturing has been assessed and certified to ISO 9001 standards along with EMS : 14001:2004.

- IS : 13573 (With Latest upto date amendments)
- ESI-09-13
- CENELEC HD 629 ISI (VDE-0278 Part 1-5)
- IEC - 60501
- IEEE-48, 404
- IEC 404, 502, 55-1, 507, 60, 71, 840
- BS:6480
- SEN 24 1434
- Edf HN 33-E-01
- C-81



Other Products

- Heatshrinkable type joints for submersible cables, control cables, multicore cables & airfield cables.
- Resin Cast Type Terminations and Joints for LV applications.
- Push on Terminations for XLPE cables upto 36 KV.
- Cable Jointing Compound (P.U.).
- EPR Self Amalgamating Insulating Tapes.
- Weatherproof Plastic Compound.
- Polymeric Insulators upto 66 KV.



Our Product List

GLTH - 1100

Heat Shrinkable Low Voltage Terminations suitable for PVC/XLPE Cables upto 3.3KV.....

2

GLH/GCH - 1100

Heat Shrinkable LV Straight Through Joints suitable for PVC/XLPE/PILC Cables upto 3.3KV.....

3

GXO/I - 1112

Heat Shrinkable Terminations suitable for 3 Core XLPE/EPR/PVC Insulated Cables upto 12KV.....

4

GXO/I - 1524

Heat Shrinkable Terminations suitable for 3 Core XLPE/EPR/PVC Insulated Cables upto 24KV.....

5

GXO/I - 1936

Heat Shrinkable Terminations suitable for 3 Core XLPE/EPR/PVC Insulated Cables upto 36KV.....

6

GXSO/I - 1236

Heat Shrinkable Terminations suitable for Single Core XLPE/EPR/PVC Insulated Cables upto 36KV.....

7

GXS - 1236

Heat Shrinkable Straight Through Joints suitable for 3 Core XLPE/EPR/PVC Insulated Cables upto 36KV.....

8

GXSS - 1236

Heat Shrinkable Straight Through Joints suitable for Single Core XLPE/EPR/PVC Insulated Cables upto 36KV.....

9

GPO/I - 1112

Heat Shrinkable Terminations suitable for 3 Core Paper Insulated Lead Covered Mind Cables upto 12KV.....

10

GPO/I - 1524

Heat Shrinkable Terminations suitable for 3 Core Paper Insulated Lead Covered Mind Cables upto 24KV.....

11

GPO/I - 1936

Heat Shrinkable Terminations suitable for 3 Core Paper Insulated Lead Covered Mind Cables upto 36KV.....

12

GPS - 1236

Heat Shrinkable Straight Through Joints suitable for 3 Core PILC Cables upto 36KV.....

13

GTJ - 1236

Heat Shrinkable Transition Joint suitable for 3 Core XLPE/PILC Cables upto 36KV.....

14

GAO/I - 1236

Heat Shrinkable Terminations suitable for Single Core Aerial Bunch (ABC) cables upto 36KV.....

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GAS - 1236

Heat Shrinkable Straight Through Joints suitable for Single Core Aerial Bunch (ABC) cables upto 36KV.....

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GCXO/I - 1236

Cold Shrinkable Terminations suitable for 3 Core XLPE/EPR/PVC Insulated Cables upto 36KV.....

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GCXS - 1236

Cold Shrinkable Straight Through Joints suitable for 3 Core XLPE/EPR/PVC Insulated Cables upto 36KV.....

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Other Jointing Accessories.....

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Our Product Scope



Terminations

Straight Joints



Transition Joints

H.S. Busbar Insulating Sleeves



H.S. Busbar Insulating Tape

Heat Shrinkable Moulded Shapes



Heat Shrinkable Wraparound/Repair Sleeve

... And

...MANY

...MANY MORE

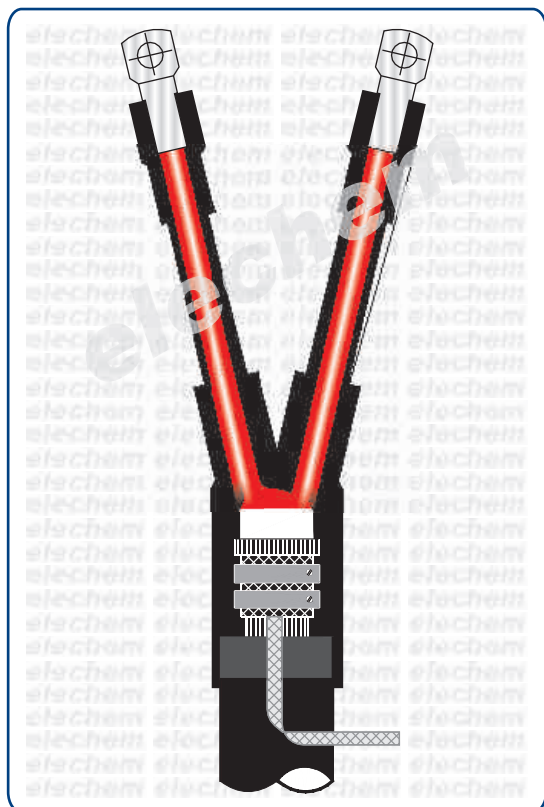
Largest Range of Items
Related to Power Cable
Splicing & Terminating
Upto 66KV

Heat Shrinkable Low Voltage Terminations suitable for PVC/XLPE Cables upto 3.3KV



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GLTH - 1100



Descriptions :

GLTH - 1100 - Series terminations kits are heat shrinkable type, designed for 1,2,3,3½,4 core extruded solid dielectric (XLPE/PVC) & Paper Insulated Lead cables, armoured/unarmoured of 1.1KV & 3.3KV rating. Our kits has been designed to provide the basic important functions required for LV(un-screened) power cables including the electrical performance, environmental seal, mechanical fatigues & other related performance parameters laid down in different Countries for various service conditions. These are designed, manufactured and tested according to requirements of the local & internationally accepted standards.

Salient Features:

- Fits a wide dimensional range.
- Excellent electrical, thermal & mechanical performance.
- Accommodation of tolerances, different conductor cross sections & cable constructions.
- No shelf life limitations upto or below 50 deg C.
- Pre-designed components for easy & reliable installation.
- Each kit contains easy to follow instructions with well explained visual & graphics for step wise installation methods.
- Exceptional Insulation properties.
- High tracking resistance in harsh environment.

Specifications :-

Test Sequence	Requirement Test Value	Results
A.C. Voltage Withstand, 5 Min	3.5 kV	5 kV
D.C. Voltage Withstand, 15 Min	15 kV	20 kV

Order Reference :-

Cable Range (Sq.mm)	Kit Code 1.1 KV	Kit Code 3.3 KV
4 x 1.5-10	GLTH-01	GLTH-11
4 x 16-35	GLTH-02	GLTH-12
4 x 50-95	GLTH-03	GLTH-13
4 x 120-185	GLTH-04	GLTH-14
4 x 225-300	GLTH-05	GLTH-15
4 x 400-500	GLTH-06	GLTH-16



Heat Shrinkable LV Straight Through Joints suitable for PVC/XLPE/PILC Cables upto 3.3KV

Gee Seal®



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GLH/GCH - 1100



Descriptions :

GLH/GCH - 1100 - Series kits are heat shrinkable type Straight Through Joints, designed for 1,2,3,3½,4 core extruded solid dielectric (XLPE/PVC) & Paper Insulated lead cables armoured/unarmoured of 1.1KV & 3.3KV voltage rating. Our kits has been designed to provide the basic important functions required for LV(Un-screened) power cable including the electrical performance, environmental seal, mechanical fatigues & other related performance parameters laid down in different Countries for various service conditions. These are designed, manufactured and tested according to requirements of the local & internationally accepted standards.

Salient Features®:

- Fits a wide dimensional range.
- Excellent electrical, thermal & mechanical performance.
- Accommodation of tolerances, different conductor cross sections & cable constructions.
- No shelf life limitations upto or below 50° deg C.
- Pre-designed components for easy & reliable installation.
- Each kit contains easy to follow instructions with well explained visual & graphics for step wise installation methods.
- Exceptional Insulation properties.
- High tracking resistance in harsh environment.

Specifications :-

Test Sequence	Requirement Test Value	Results
A.C. Voltage Withstand, 5 Min	3.5 kV	5 kV
D.C. Voltage Withstand, 15 Min	15 kV	20 kV

Order Reference :-

Cable Range (Sq.mm)	Kit Code 1.1 KV	Kit Code 3.3 KV
4 x 1.5-6	GLH-01	GCH-11
4 x 10-16	GLH-02	GCH-12
4 x 25-50	GLH-03	GCH-13
4 x 70-120	GLH-04	GCH-14
4 x 150-240	GLH-05	GCH-15
4 x 300-400	GLH-06	GCH-16

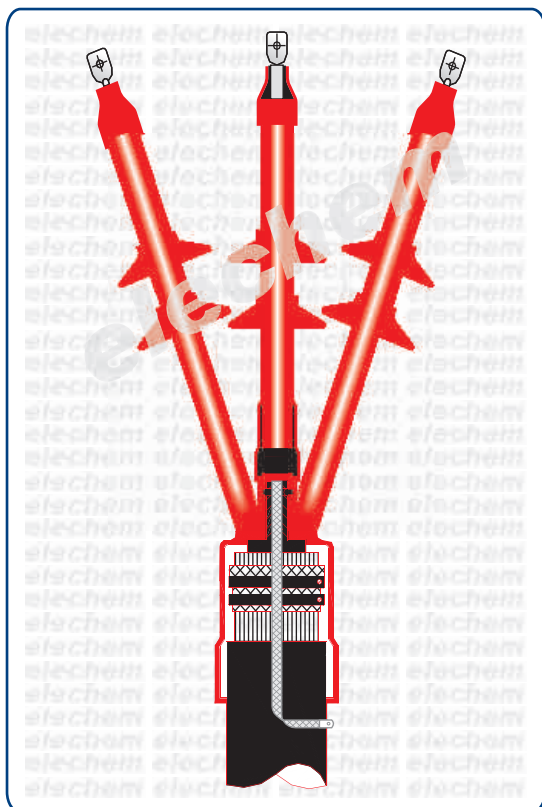


Heat Shrinkable Terminations suitable for 3 Core XLPE/EPR/PVC Insulated Cables upto 12 KV



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GXO/I - 1112



Descriptions :

GXO/I - 1112 - Series termination kits are heat shrinkable type, designed for 3 core extruded dielectric, shielded, armoured/unarmoured XLPE/EPR/PVC insulated cables upto 12KV rated voltage (6.35/11kV, 6.6/6.6kV, $U_m=12kV$). Our kits has been designed to provide the basic important functions required for medium voltage power cable accessories including the electrical performance, stress relief measures, environmental seal, mechanical fatigues & other related performance parameters laid down in different countries for various service conditions. These are designed, manufactured and tested according to requirements of the local & internationally accepted standards.

Salient Features:

- Fits a wide dimensional range.
- Excellent electrical, thermal & mechanical performance.
- Accommodation of tolerances, different conductor cross sections & cable constructions.
- No shelf life limitations upto or below 50 deg C.
- Pre-designed components for easy & reliable installation.
- Each kit contains easy to follow instructions with well explained visual & graphics for step wise installation methods.
- Exceptional Insulation properties.
- High tracking resistance in harsh environment.

Specifications :-

Test Sequence	Requirement Test Value	Results
A.C. Voltage Withstand, 5 Min	28.5 kV, no Flashover	Pass
D.C. Voltage Withstand, 15 Min	25.4 kV, no Flashover	Pass
Partial Discharge	12 kV<10Pc Max.	>12 kV
Impulse Withstand Voltage	75 kV, no Flashover	No breakdown

Order Reference :-

Cable Range (Sq.mm)	Indoor Kit Code	Outdoor Kit Code
16-50	GXI-11	GXO-11
70-95	GXI-12	GXO-12
120-185	GXI-13	GXO-13
240-300	GXI-14	GXO-14
400-500	GXI-15	GXO-15



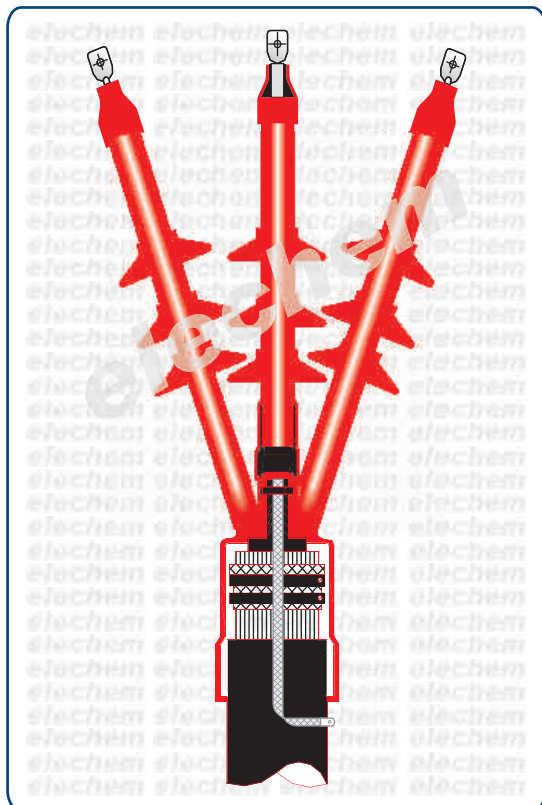
Heat Shrinkable Terminations suitable for 3 Core XLPE/EPR/PVC Insulated Cables upto 24 KV

Gee Seal®



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GXO/I - 1524



Descriptions :

GXO/I - 1524 - Series termination kits are heat shrinkable type, designed for 3 core extruded dielectric, shielded, armoured/unarmoured XLPE/EPR/PVC insulated cables upto 24KV rated voltage (8.7/15KV, 11/11kV, 12.7/22KV, $U_m=24KV$). Our kits has been designed to provide the basic important functions required for medium voltage power cable accessories including the electrical performance, stress relief measures, environmental seal, mechanical fatigues & other related performance parameters laid down in different countries for various service conditions. These are designed, manufactured and tested according to requirements of the local & internationally accepted standards.

Salient Features:

- Fits a wide dimensional range.
- Excellent electrical, thermal & mechanical performance.
- Accommodation of tolerances, different conductor cross sections & cable constructions.
- No shelf life limitations upto or below 50 deg C.
- Pre-designed components for easy & reliable installation.
- Each kit contains easy to follow instructions with well explained visual & graphics for step wise installation methods.
- Exceptional Insulation properties.
- High tracking resistance in harsh environment.

Specifications :-

Test Sequence	Requirement Test Value	Results
A.C. Voltage Withstand, 5 Min	57.1 kV, no Flashover	Pass
D.C. Voltage Withstand, 15 Min	50.8 kV, no Flashover	Pass
Partial Discharge	24 kV<10Pc Max.	>24 kV
Impulse Withstand Voltage	125 kV, no Flashover	No breakdown

Order Reference :-

Cable Range (Sq.mm)	Indoor Kit Code	Outdoor Kit Code
16-50	GXI-21	GXO-21
70-120	GXI-22	GXO-22
150-185	GXI-23	GXO-23
240-300	GXI-24	GXO-24
400-500	GXI-25	GXO-25

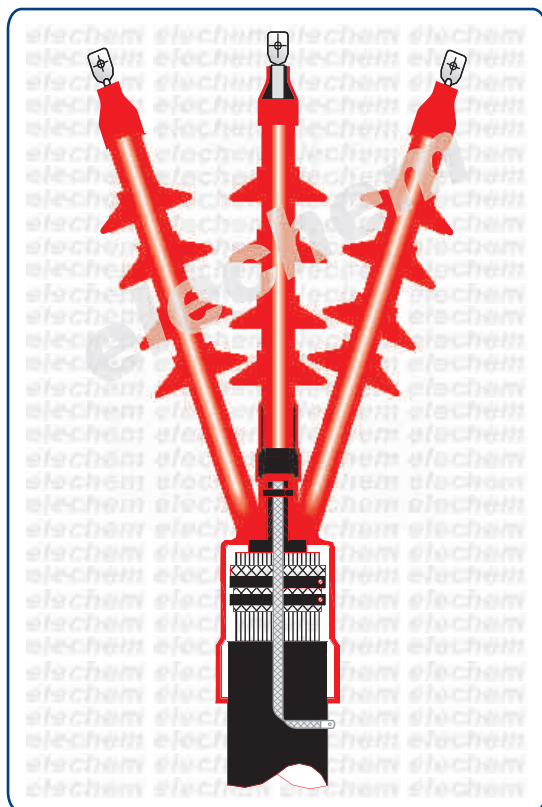


Heat Shrinkable Terminations suitable for 3 Core XLPE/EPR/PVC Insulated Cables upto 36 KV



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GXO/I - 1936



Descriptions :

GXO/I - 1936 - Series termination kits are heat shrinkable type, designed for 3 core extruded dielectric, shielded, armoured/unarmoured XLPE/EPR/PVC Insulated cables upto 36 KV rated voltage (19/33KV, $U_m=36KV$). Our kits has been designed to provide the basic important functions required for medium voltage power cable accessories including the electrical performance, stress relief measures, environmental seal, mechanical fatigues & other related performance parameters laid down in different countries for various service conditions. These are designed, manufactured and tested according to requirements of the local & internationally accepted standards.

Salient Features:

- Fits a wide dimensional range.
- Excellent electrical, thermal & mechanical performance.
- Accommodation of tolerances, different conductor cross sections & cable constructions.
- No shelf life limitations upto or below 50 deg C.
- Pre-designed components for easy & reliable installation.
- Each kit contains easy to follow instructions with well explained visual & graphics for step wise installation methods.
- Exceptional Insulation properties.
- High tracking resistance in harsh environment.

Specifications :-

Test Sequence	Requirement Test Value	Results
A.C. Voltage Withstand, 5 Min	85.5 kV, no Flashover	Pass
D.C. Voltage Withstand, 15 Min	76 kV, no Flashover	Pass
Partial Discharge	36 kV<10Pc Max.	>36 kV
Impulse Withstand Voltage	170 kV, no Flashover	No breakdown

Order Reference :-

Cable Range (Sq.mm)	Indoor Kit Code	Outdoor Kit Code
16-50	GXI-31	GXO-31
70-95	GXI-32	GXO-32
120-185	GXI-33	GXO-33
240-300	GXI-34	GXO-34
400-500	GXI-35	GXO-35



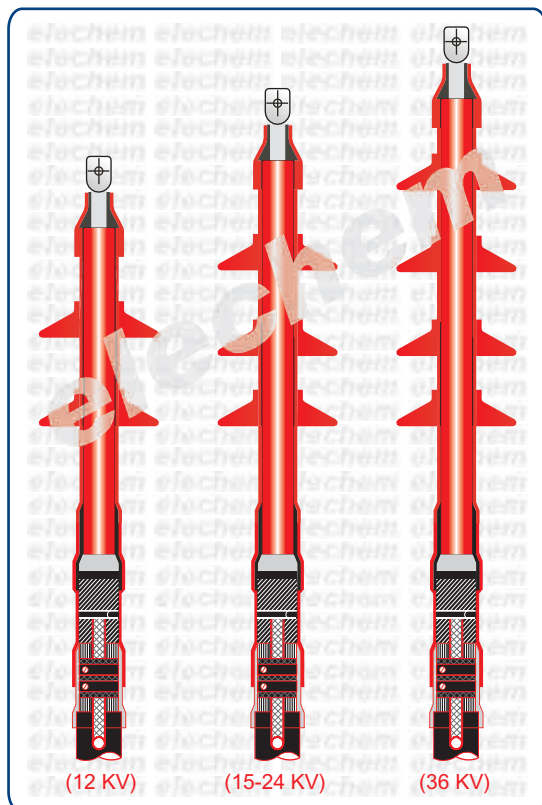
Heat Shrinkable Terminations suitable for Single Core XLPE/EPR/PVC Insulated Cables upto 36 KV

Gee Seal®



Connecting to Power

GXSO/I - 1236



Descriptions :

GXSO/I - 1236 - Series termination kits are heat shrinkable type, designed for Single core extruded dielectric, shielded, armoured/unarmoured XLPE/EPR/PVC insulated cables upto 36 KV rated voltage. Our kits has been designed to provide the basic important functions required for medium voltage power cable accessories including the electrical performance, stress relief measures, environmental seal, mechanical fatigues & other related performance parameters laid down in different countries for various service conditions. These are designed, manufactured and tested according to requirements of the local &

Salient Features:

- Fits a wide dimensional range.
- Excellent electrical, thermal & mechanical performance.
- Accommodation of tolerances, different conductor cross sections & cable constructions.
- No shelf life limitations upto or below 50 deg C.
- Pre-designed components for easy & reliable installation.
- Each kit contains easy to follow instructions with well explained visual & graphics for step wise installation methods.
- Exceptional Insulation properties.
- High tracking resistance in harsh environment.

Specifications :-

Test Sequence	12kV System	15-24kV System	36kV System
A.C. Voltage Withstand, 5 Min	28.5 KV, no Flashover	57.1 KV, no Flashover	85.5 KV, no Flashover
D.C. Voltage Withstand, 15 Min	25.4 KV, no Flashover	50.8 KV, no Flashover	76 KV, no Flashover
Impulse Withstand Voltage	75 KV, no Flashover	125 KV, no Flashover	170 KV, no Flashover
Partial Discharge	12 kV<10Pc Max.	24 kV<10Pc Max.	36 kV<10Pc Max.

Order Reference :-

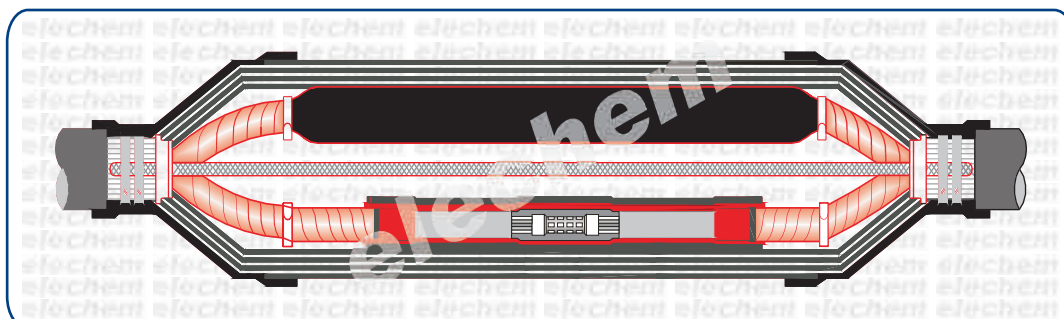
12kV System			15-24kV System			36kV System		
Cable Range (Sq.mm)	Kit Code		Cable Range (Sq.mm)	Kit Code		Cable Range (Sq.mm)	Kit Code	
16-50	GXSI-11	GXSO-11	16-50	GXSI-21	GXSO-21	16-50	GXSI-31	GXSO-31
70-120	GXSI-12	GXSO-12	70-150	GXSI-22	GXSO-22	70-95	GXSI-32	GXSO-32
150-300	GXSI-13	GXSO-13	185-300	GXSI-23	GXSO-23	120-185	GXSI-33	GXSO-33
400-500	GXSI-14	GXSO-14	400-500	GXSI-24	GXSO-24	240-400	GXSI-34	GXSO-34
630	GXSI-15	GXSO-15	630	GXSI-25	GXSO-25	500-630	GXSI-35	GXSO-35
800-1000	GXSI-16	GXSO-16	800-1000	GXSI-26	GXSO-26	800-1000	GXSI-36	GXSO-36



Heat Shrinkable Straight Through Joints suitable for 3 Core XLPE/EPR/PVC Insulated Cables upto 36 KV



GXS - 1236



Descriptions :

GXS/1236 - Series kits are heat shrinkable type Straight Through Joints, designed for 3 core extruded dielectric, shielded, armoured/unarmoured XLPE/EPR/PVC insulated cables upto 36 KV rated voltage (12KV, 15-24KV & 36KV usage). Our kits has been designed to provide the basic important functions required for medium voltage power cable accessories including the electrical performance, stress relief measures, environmental seal, mechanical fatigues & other related performance parameters laid down in different countries for various service conditions. These are designed, manufactured and tested according to requirements of the local & internationally accepted standards.

Salient Features:

- Fits a wide dimensional range.
- Excellent electrical, thermal & mechanical performance.
- Accommodation of tolerances, different conductor cross sections & cable constructions.
- No shelf life limitations upto or below 50 deg C.
- Pre-designed components for easy & reliable installation.
- Each kit contains easy to follow instructions with well explained visual & graphics for step wise installation methods.
- Exceptional Insulation properties.
- High tracking resistance in harsh environment.

Specifications :-

Test Sequence	12KV System (6.6/6.6kV, 6.35/11kV)	15-24KV System (8.7/15kV, 11/11kV, 12.7/22kV)	36KV System (19/33kV)
A.C. Voltage Withstand, 5 Min	28.5 kV, no Flashover	57.1 kV, no Flashover	85.5 kV, no
D.C. Voltage Withstand, 15 Min	25.4 kV, no Flashover	50.8 kV, no Flashover	Flashover
Partial Discharge	12 kV<10Pc Max.	24 kV<10Pc Max.	76 kV, no Flashover
Impulse Withstand Voltage	75 kV, no Flashover	125 kV, no Flashover	36 kV<10Pc Max.

Order Reference :-

12kV System		15-24kV Systems		36kV Systems	
Cable Size (Sq.mm)	Kit Code	Cable Size (Sq.mm)	Kit Code	Cable Size (Sq.mm)	Kit Code
16-50	GXS-11	25-50	GXS-21	35-70	GXS-31
70-95	GXS-12	70-95	GXS-22	95-150	GXS-32
120-185	GXS-13	120-150	GXS-23	185-300	GXS-33
240-300	GXS-14	185-240	GXS-24	400	GXS-34
400-500	GXS-15	300-400	GXS-25		



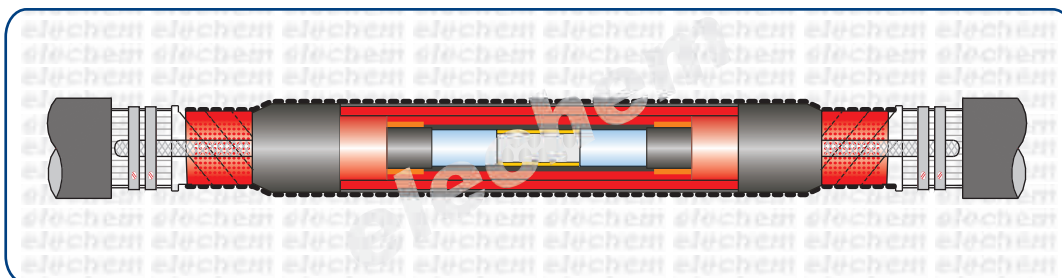
Heat Shrinkable Straight Through Joints suitable for 1 Core XLPE/EPR/PVC Insulated Cables upto 36 KV

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GXSS - 1236



Descriptions :

GXSS - 1236 - Series kits are heat Shrinkable type Straight Through Joints, designed for single core extruded dielectric, shielded, armoured & unarmoured XLPE/EPR/PVC insulated cables upto 36 KV rated voltage (12KV, 15-24KV & 36KV usage). Our kits has been designed to provide the basic important functions required for medium voltage power cable accessories including the electrical performance, stress relief measures, environmental seal, mechanical fatigues & other related performance parameters laid down in different countries for various service conditions. These are designed, manufactured and tested according to requirements of the local & internationally accepted standards.

Salient Features:

- Fits a wide dimensional range.
- Excellent electrical, thermal & mechanical performance.
- Accommodation of tolerances, different conductor cross sections & cable constructions.
- No shelf life limitations upto or below 50 deg C.
- Pre-designed components for easy & reliable installation.
- Each kit contains easy to follow instructions with well explained visual & graphics for step wise installation methods.
- Exceptional Insulation properties.
- High tracking resistance in harsh environment.

Specifications :-

Test Sequence	12KV System	15-24KV System	36KV System
A.C. Voltage Withstand, 5 Min	28.5 kV, no Flashover	57.1 kV, no Flashover	85.5 kV, no Flashover
D.C. Voltage Withstand, 15 Min	25.4 kV, no Flashover	50.8 kV, no Flashover	76 kV, no Flashover
Partial Discharge	12 kV<10Pc Max.	24 kV<10Pc Max.	36 kV<10Pc Max.
Impulse Withstand Voltage	75 kV, no Flashover	125 kV, no Flashover	170 kV, no Flashover

Order Reference :-

12kV System		15-24kV Systems		36kV Systems	
Cable Size (Sq.mm)	Kit Code	Cable Size (Sq.mm)	Kit Code	Cable Size (Sq.mm)	Kit Code
16-50	GXSS-11	25-50	GXSS-21	35-70	GXSS-31
70-95	GXSS-12	70-95	GXSS-22	95-150	GXSS-32
120-185	GXSS-13	120-150	GXSS-23	185-300	GXSS-33
240-300	GXSS-14	185-240	GXSS-24	400	GXSS-34
400-500	GXSS-15	300-400	GXSS-25		

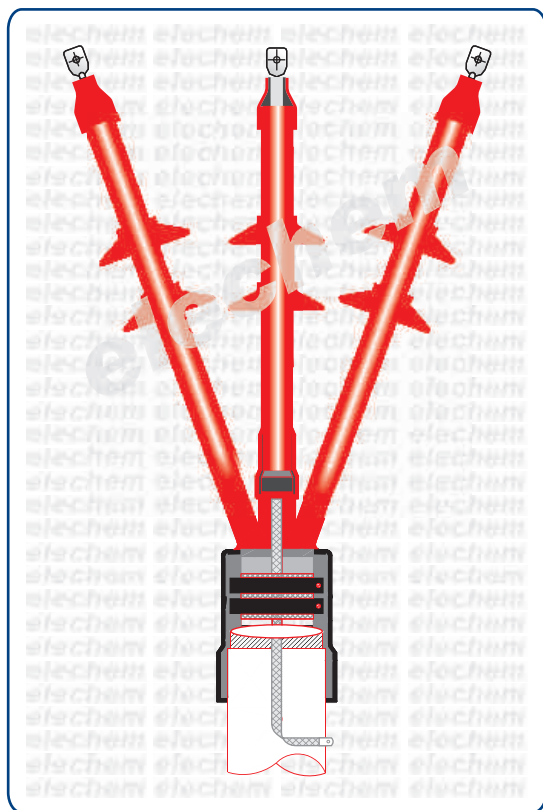
Heat Shrinkable Terminations suitable for 3 Core Paper Insulated Lead Covered MIND Cables upto 12 KV

Gee Seal®



Connecting to Power

GPO/I - 1112



Descriptions :

GPO/I - 1112 - Series termination kits are heat shrinkable type, designed for 3 core Paper Insulated Lead sheathed/armoured cables for upto 12KV. Our kits has been designed to provide the basic important functions required for medium voltage power cable accessories including the electrical performance, stress relief measures, environmental seal, mechanical fatigues & other related performance parameters laid down in different countries for various service conditions. These are designed, manufactured and tested according to requirements of the local & internationally accepted standards.

Salient Features:

- Fits a wide dimensional range.
- Suitable for all conductors shapes Materials & Conductors.
- Excellent electrical, thermal & mechanical performance.
- Accommodation of tolerances, different conductor cross sections & cable constructions.
- No shelf life limitations upto or below 50 deg C.
- Pre-designed components for easy & reliable installation.
- Each kit contains easy to follow instructions with well explained visual & graphics for step wise installation methods.
- Exceptional Insulation properties.
- No Moisture ingress.

Specifications :-

Test Sequence	Requirement Test Value	Results
A.C. Voltage Withstand, 1 Min	35 kV, no Flashover	Pass
D.C. Voltage Withstand, 30 Min	48 kV, no Flashover	Pass
Impulse Withstand Voltage	75 kV, no Flashover	No Breakdown

Order Reference :-

Cable Range (Sq.mm)	Indoor Kit Code	Outdoor Kit Code
16-50	GPI-11	GPO-11
70-95	GPI-12	GPO-12
120-185	GPI-13	GPO-13
240-300	GPI-14	GPO-14
400-500	GPI-15	GPO-15



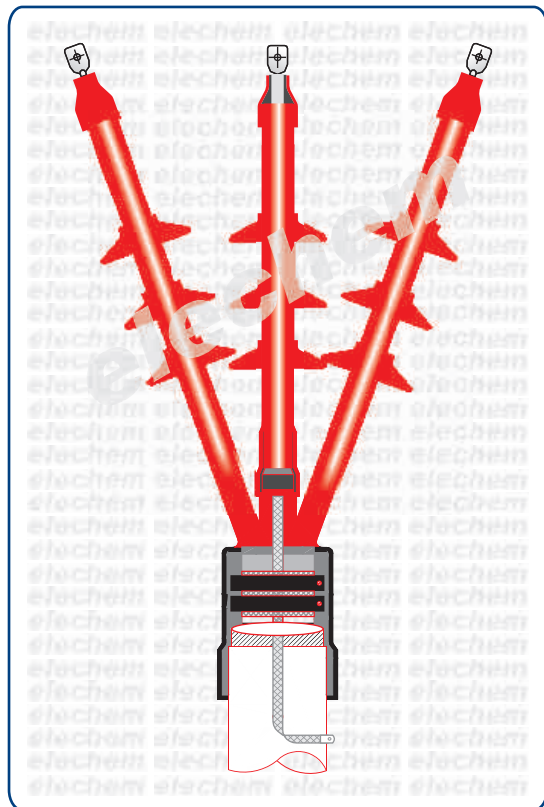
Heat Shrinkable Terminations suitable for 3 Core Paper Insulated Lead Covered MIND Cables upto 24 KV

Gee Seal®



Connecting to Power

GPO/I - 1524



Descriptions :

GPO/I - 1524 - Series termination kits are heat shrinkable type, designed for 3 core Paper Insulated Lead sheathed/armoured cables for upto 24KV. Our kits has been designed to provide the basic important functions required for medium voltage power cable accessories including the electrical performance, stress relief measures, environmental seal, mechanical fatigues & other related performance parameters laid down in different Countries for various service conditions. These are designed, manufactured and tested according to requirements of the local & internationally accepted standards.

Salient Features:

- Fits a wide dimensional range.
- Suitable for all conductors shapes Materials & Conductors.
- Excellent electrical, thermal & mechanical performance.
- Accommodation of tolerances, different conductor cross sections & cable constructions.
- No shelf life limitations upto or below 50 deg C.
- Pre-designed components for easy & reliable installation.
- Each kit contains easy to follow instructions with well explained visual & graphics for step wise installation methods.
- Exceptional Insulation properties.
- No Moisture ingress.

Specifications :-

Test Sequence	Requirement Test Value	Results
A.C. Voltage Withstand, 1 Min	50 kV, no Flashover	Pass
D.C. Voltage Withstand, 15 Min	96 kV, no Flashover	Pass
Impulse Withstand Voltage	125 kV, no Flashover	No Breakdown

Order Reference :-

Cable Range (Sq.mm)	Indoor Kit Code	Outdoor Kit Code
16-50	GPI-21	GPO-21
70-120	GPI-22	GPO-22
150-185	GPI-23	GPO-23
240-300	GPI-24	GPO-24
400-500	GPI-25	GPO-25

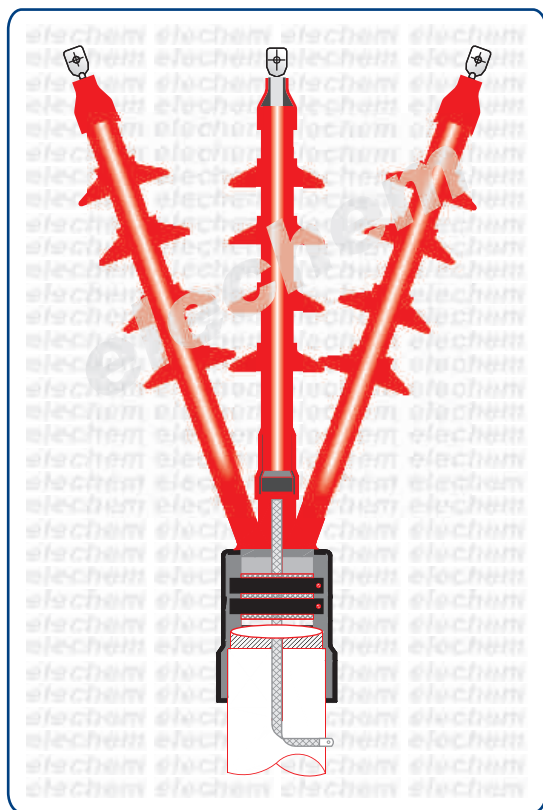
Heat Shrinkable Terminations suitable for 3 Core Paper Insulated Lead Covered MIND Cables upto 36 KV

Gee Seal®



Connecting to Power

GPO/I - 1936



Descriptions :

GPO/I - 1936 - Series termination kits are heat shrinkable type, designed for 3 core Paper Insulated Lead sheathed/armoured Cables upto 36KV. Our kits has been designed to provide the basic important functions required for medium voltage power cable accessories including the electrical performance, stress relief measures, environmental seal, mechanical fatigues & other related performance parameters laid down in different countries for various service conditions. These are designed, manufactured and tested according to requirements of the local & internationally accepted standards.

Salient Features:

- Fits a wide dimensional range.
- Suitable for all conductors shapes Materials & Conductors.
- Excellent electrical, thermal & mechanical performance.
- Accommodation of tolerances, different conductor cross sections & cable constructions.
- No shelf life limitations upto or below 50 deg C.
- Pre-designed components for easy & reliable installation.
- Each kit contains easy to follow instructions with well explained visual & graphics for step wise installation methods.
- Exceptional Insulation properties.
- No Moisture ingress.

Specifications :-

Test Sequence	Requirement Test Value	Results
A.C. Voltage Withstand, 1 Min	75 kV, no Flashover	Pass
D.C. Voltage Withstand, 30 Min	144 kV, no Flashover	Pass
Impulse Withstand Voltage	170 kV, no Flashover	No Breakdown

Order Reference :-

Cable Range (Sq.mm)	Indoor Kit Code	Outdoor Kit Code
25-50	GPI-31	GPO-31
70-95	GPI-32	GPO-32
120-185	GPI-33	GPO-33
240-300	GPI-34	GPO-34
400-500	GPI-35	GPO-35



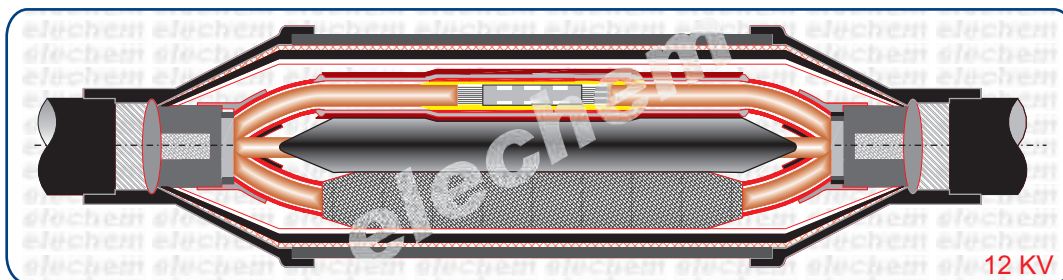
Heat Shrinkable Straight Through Joint suitable for 3 Core PILC Cables upto 36 KV

Gee Seal®



Connecting to Power

GPS - 1236



12 KV



15-24 kV, 36 kV

Descriptions :

GPS - 1236 - Series kits are heat shrinkable type Straight Through joints, designed to provide a light weight, compact and environmentally sealed system for jointing PILC Cables upto 36KV. To take care of the sealing of PILC Cable & to prevent the leakage of oil in the joint, special heatshrinkable transparent oil barrier tubings are provided. The heat shrinkable components are light in weight & are made of specially formulated crosslinked polymeric material with excellent tracking & erosion resistance characteristics. Our kits has been designed, manufactured and tested according to requirements of the local & international accepted standards.

Salient Features:

- Fits a wide dimensional range.
- Suitable for all conductors shapes Materials & Conductors.
- Excellent electrical, thermal & mechanical performance.
- Accommodation of tolerances, different conductor cross sections & cable constructions.
- No shelf life limitations upto or below 50 deg C.
- Pre-designed components for easy & reliable installation.
- Each kit contains easy to follow instructions with well explained visual & graphics for step wise installation methods.
- Exceptional Insulation properties.
- No Moisture ingress

Specifications :-

Test Sequence	12KV System	15-24KV System	36KV System
A.C. Voltage Withstand, 1 Min	35 kV, no Flashover	50 kV, no Flashover	75 kV, no Flashover
D.C. Voltage Withstand, 30 Min	48 kV, no Flashover	96 kV, no Flashover	144 kV, no Flashover
Impulse Withstand Voltage	75 kV, no Flashover	125 kV, no Flashover	170 kV, no Flashover

Order Reference :- 12kV System

Cable Size (Sq.mm)	Kit Code
16-50	GPS-11
70-95	GPS-12
120-185	GPS-13
240-300	GPS-14
400-500	GPS-15

15-24kV Systems

Cable Size (Sq.mm)	Kit Code
25-50	GPS-21
70-95	GPS-22
120-150	GPS-23
185-300	GPS-24
400-500	GPS-25

36kV Systems

Cable Size (Sq.mm)	Kit Code
35-70	GPS-31
95-150	GPS-32
185-300	GPS-33
400	GPS-34



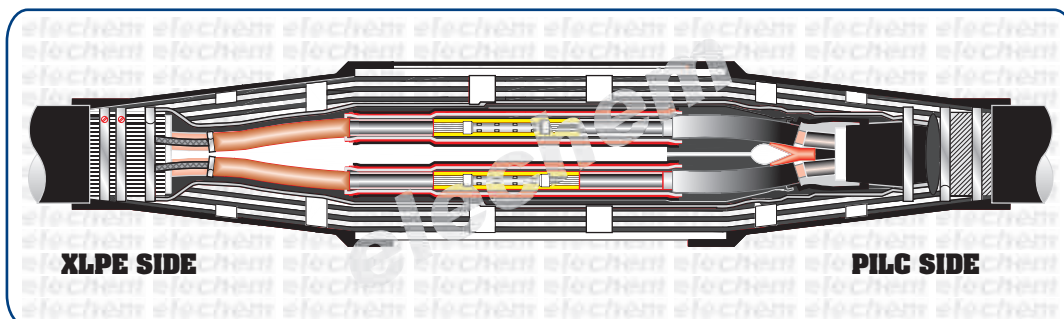
Heat Shrinkable Transition Joints suitable for 3 Core XLPE/PILC Cables upto 36 KV

Gee Seal®



Connecting to Power

GTJ - 1236



Descriptions :

GTJ - 1236 - Series kits are heat shrinkable type Transitions Joints, designed for jointing XLPE cable to PILC cable for upto 36KV. Our kits has been designed to provide the basic important functions required for medium voltage power cable accessories including the electrical performance, stress relief measures, environmental seal, mechanical fatigues & other related performance parameters laid down in different countries for various service conditions. To take care of the sealing of PILC Cable & to prevent the leakage of oil in the Joint, special heatshrinkable transparent oil barrier tubings are provided. These are designed, manufactured and tested according to requirements of the local & internationally accepted standards.

Salient Features:

- Fits a wide dimensional range.
- Excellent electrical, thermal & mechanical performance.
- Accommodation of tolerances, different conductor cross sections & cable constructions.
- No shelf life limitations upto or below 50 deg C.
- Pre-designed components for easy & reliable installation.
- Each kit contains easy to follow instructions with well explained visual & graphics for step wise installation methods.
- Exceptional Insulation properties.
- High tracking resistance in harsh environment.

Specifications :-

Test Sequence	12KV System	15-24KV System	36KV System
A.C. Voltage Withstand, 5 Min	28.5 kV, no Flashover	57.1 kV, no Flashover	85.5 kV
D.C. Voltage Withstand, 15 Min	25.4 kV, no Flashover	50.8 kV, no Flashover	76 kV
Impulse Withstand Voltage	75 kV, no Flashover	125 kV, no Flashover	170 kV, no Flashover

Order Reference :-

12KV System			15-24kV System			36kV System		
Cable Range (Sq.mm)	Kit Code		Cable Range (Sq.mm)	Kit Code		Cable Range (Sq.mm)	Kit Code	
16-35	GTJ-11	GTJ-11	25-50	GTJ-21	GTJ-21	35-70	GTJ-31	GTJ-31
50-95	GTJ-12	GTJ-12	70-95	GTJ-22	GTJ-22	95-150	GTJ-32	GTJ-32
120-185	GTJ-13	GTJ-13	120-150	GTJ-23	GTJ-23	185-300	GTJ-33	GTJ-33
240-300	GTJ-14	GTJ-14	185-300	GTJ-24	GTJ-24	400	GTJ-34	GTJ-34
400-500	GTJ-15	GTJ-15	400-500	GTJ-25	GTJ-25			
630	GTJ-16	GTJ-16						



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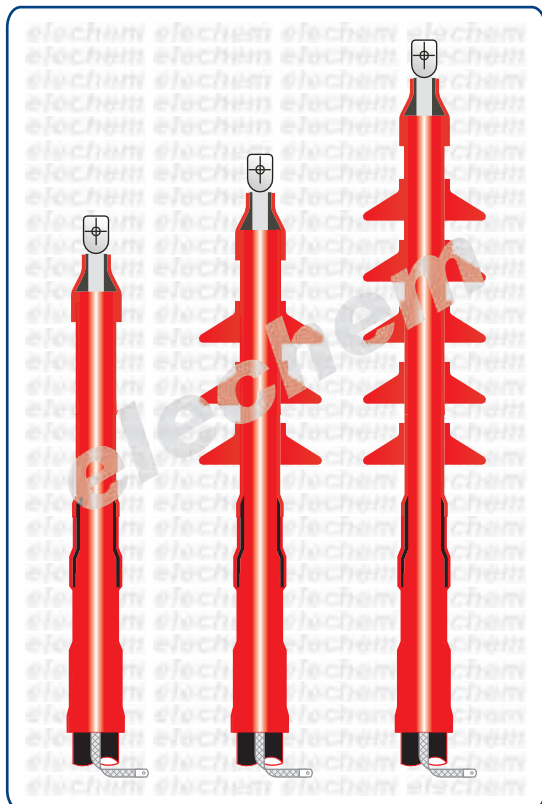
Heat Shrinkable Terminations suitable for Single Core Aerial Bunch (ABC) Cables upto 36 KV

Gee Seal®



Connecting to Power

GAO/I - 1236



Descriptions :

GAO/I - 1236 - Series termination kits are heat shrinkable type terminations of Aerial Bunch Cable(ABC) upto 36KV rated voltage. Our kits has been designed to provide the basic important functions required for medium voltage power cable accessories including the electrical performance, stress relief measures, environmental seal, mechanical fatigues and other related performance parameters laid down in different countries for various service conditions. These are designed, manufactured and tested according to requirements of the local & internationally accepted standards.

Salient Features:

- Fits a wide dimensional range.
- Excellent electrical, thermal & mechanical performance.
- Accommodation of tolerances, different conductor cross sections & cable constructions.
- No shelf life limitations upto or below 50 deg C.
- Pre-designed components for easy & reliable installation.
- Each kit contains easy to follow instructions with well explained visual & graphics for step wise installation methods.
- Exceptional Insulation properties.
- High tracking resistance in harsh environment.

Specifications :-

Test Sequence	12 KV	24 KV	36 KV
A.C. Voltage Withstand, 5 Min	28.5 kV, no Flashover	57.1 kV, no Flashover	85.5 kV, no Flashover
D.C. Voltage Withstand, 15 Min	25.4 kV, no Flashover	50.8 kV, no Flashover	76 kV, no Flashover
Impulse Withstand Voltage	75 kV, no Flashover	125 kV, no Flashover	170 kV, no Flashover
Partial Discharge	12 kV<10Pc Max.	24 kV<10Pc Max.	36 kV<10Pc Max.

Order Reference :-

	12kV System	15-24kV System	36kV System
Cable Size (Sq.mm)	Kit Code	Kit Code	Kit Code
16-50	GAO/I-11	GAO/I-21	GAO/I-31
70-95	GAO/I-12	GAO/I-22	GAO/I-32
120-185	GAO/I-13	GAO/I-23	GAO/I-33
240-300	GAO/I-14	GAO/I-24	GAO/I-34
400	GAO/I-15	GAO/I-25	GAO/I-35

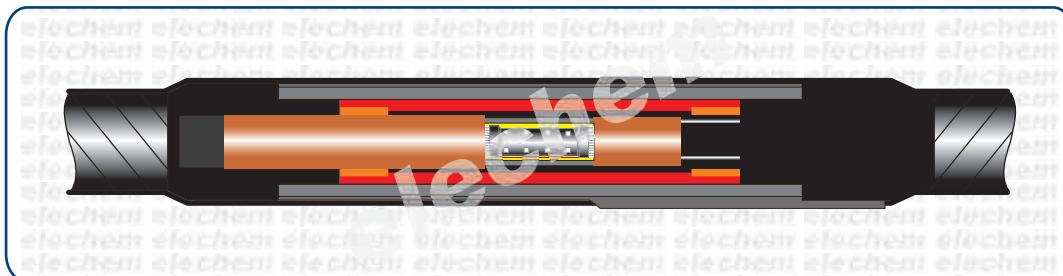
Heat Shrinkable Straight Through Joints suitable for Single Core Aerial Bunch (ABC) Cables upto 36 KV

Gee Seal®



Connecting to Power

GAS - 1236



Descriptions :

GAS - 1236 - Series kits are heat shrinkable type Straight Through Joints, designed for Aerial Bunch Cable(ABC) upto 36KV. Our kits has been designed to provide the basic important functions required for medium voltage power cable accessories including the electrical performance, stress relief measures, environmental seal, mechanical fatigues and other related performance parameters laid down in different countries. These are designed, manufactured and tested according to requirements of the local & internationally

Salient Features®:

- Fits a wide dimensional range.
- Excellent electrical, thermal & mechanical performance.
- Accommodation of tolerances, different conductor cross sections & cable constructions.
- No shelf life limitations upto or below 50 deg C.
- Pre-designed components for easy & reliable installation.
- Each kit contains easy to follow instructions with well explained visual & graphics for step wise installation methods.
- Exceptional Insulation properties.
- High tracking resistance in harsh environment.

Connecting to Power

Specifications :-

Test Sequence	12 KV	24 KV	36 KV
A.C. Voltage Withstand, 5 Min	28.5 kV, no Flashover	57.1 kV, no Flashover	85.5 kV, no Flashover
D.C. Voltage Withstand, 15 Min	25.4 kV, no Flashover	50.8 kV, no Flashover	76 kV, no Flashover
Impulse Withstand Voltage	75 kV, no Flashover	125 kV, no Flashover	170 kV, no Flashover
Partial Discharge	12 kV<10Pc Max.	24 kV<10Pc Max.	36 kV<10Pc Max.

Order Reference :-

	12kV System	15-24kV System	36kV System
Cable Size (Sq.mm)	Kit Code	Kit Code	Kit Code
16-50	GAS-11	GAS-21	GAS-31
70-95	GAS-12	GAS-22	GAS-32
120-185	GAS-13	GAS-23	GAS-33
240-300	GAS-14	GAS-24	GAS-34
400	GAS-15	GAS-25	GAS-35



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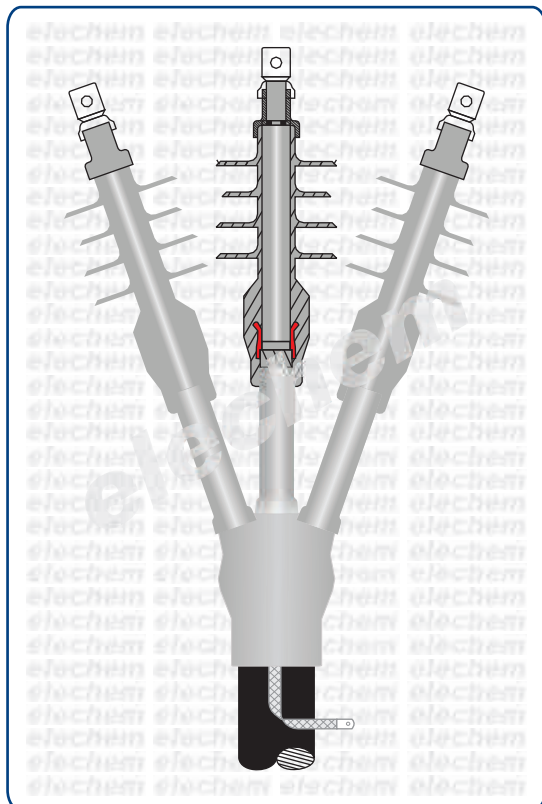
Cold Shrinkable Terminations suitable for 3 Core XLPE/EPR/PVC Insulated Cables upto 36 KV

Gee Seal®



Connecting to Power

GCXO/I - 1236



Descriptions :

GCXO/I - 1236 - Series termination kits are cold shrinkable type, designed for 3 core extruded dielectric, shielded, armoured & unarmoured XLPE/EPR/PVC insulated cables upto 36 KV rated voltage (12KV, 15-24KV & 36KV usage). It is based on specially formulated, track-resistant, silicone rubber insulators with stress relief. These insulators are pre-stretched around a coiled plastic core. When the termination is slipped over a properly prepared cable and the core is pulled out, the termination immediately shrinks to fit the cable's dimensions. The result is a tight, durable, void free, constant-pressure seal for a variety of cable types and sizes. Our kits provide a dielectric constant of approximately 25, distributing the electric field well beyond the shield cut off. These are designed, manufactured and tested according to requirements of the local & internationally accepted standards.

Salient Features:

- Simple installation - no special tools required
- No torches or heat required
- Safe installation - replaces conventional & simple method
- Accommodates a wide range of cable sizes
- Built in Stress control mechanism
- Improved tough rubber formulation withstand rough backfilling
- Resistant to acids, alkalis, ozone, UV light, and fungus
- Minimized Chances of Jointer error
- Maintains constants radial pressure.

Specifications :-

Test Sequence	12 KV	24 KV	36 KV
A.C. Voltage Withstand, 5 Min	28.5 kV, no Flashover	57.1 kV, no Flashover	85.5 kV, no Flashover
D.C. Voltage Withstand, 15 Min	25.4 kV, no Flashover	50.8 kV, no Flashover	76 kV, no Flashover
Impulse Withstand Voltage	75 kV, no Flashover	125 kV, no Flashover	170 kV, no Flashover
Partial Discharge	12 kV<10Pc Max.	24 kV<10Pc Max.	36 kV<10Pc Max.

Order Reference :-

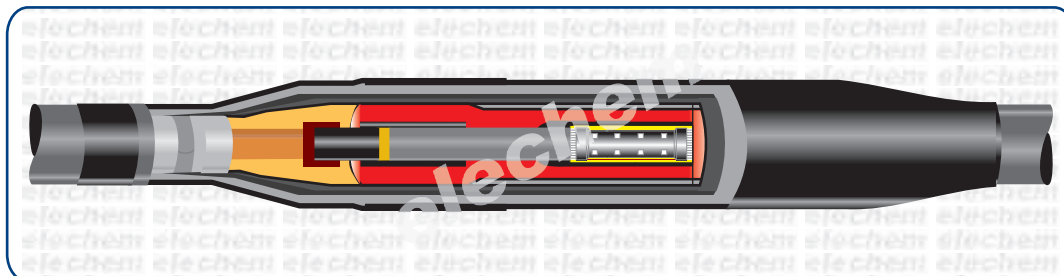
	12kV System	15-24kV System	36kV System
Cable Size (Sq.mm)	Kit Code	Kit Code	Kit Code
16-50	GCXO-11	GCXO-21	GCXO-31
70-95	GCXO-12	GCXO-22	GCXO-32
120-185	GCXO-13	GCXO-23	GCXO-33
240-300	GCXO-14	GCXO-24	GCXO-34
400	GCXO-15	GCXO-25	GCXO-35



Cold Shrinkable Straight Through Joint suitable for 3 Core XLPE/EPR/PVC Insulated Cables upto 36 KV



GCXS - 1236



Descriptions :

GCXS - 1236 - Series kits are cold shrinkable type Straight Through Joints, designed for 3 core extruded dielectric, shielded, armoured & unarmoured XLPE/EPR/PVC insulated cables upto 36 KV rated voltage (12KV, 15-24KV & 36KV usage). Our kits has been designed to provide the basic important functions required for medium voltage power cable accessories including the electrical performance, stress relief measures, environmental seal, mechanical fatigues & other related performance parameters laid down in different countries for various service conditions. These are designed, manufactured and tested according to requirements of the local & internationally accepted standards.

Salient Features:

- Simple installation - no special tools required.
- No torches or heat required.
- Safe installation - replaces conventional resin cast & Heat Shrinkable jointing methods.
- Accommodates a wide range of cable sizes.
- Improved tough rubber formulation withstand rough backfilling.
- Resistant to acids, alkalis, ozone, UV light, and fungus.
- Waterproof seal.

Specifications :-

Test Sequence	12 KV	24 KV	36 KV
A.C. Voltage Withstand, 5 Min	28.5 kV, no Flashover	57.1 kV, no Flashover	85.5 kV, no Flashover
D.C. Voltage Withstand, 15 Min	25.4 kV, no Flashover	50.8 kV, no Flashover	76 kV, no Flashover
Impulse Withstand Voltage	75 kV, no Flashover	125 kV, no Flashover	170 kV, no Flashover
Partial Discharge	12 kV<10Pc Max.	24 kV<10Pc Max.	36 kV<10Pc Max.

Order Reference :-

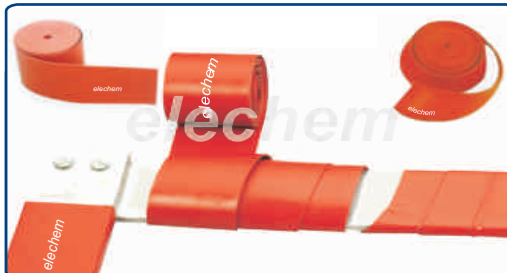
	12kV System	15-24kV System	36kV System
Cable Size (Sq.mm)	Kit Code	Kit Code	Kit Code
16-50	GCXS-11	GCXS-21	GCXS-31
70-95	GCXS-12	GCXS-22	GCXS-32
120-185	GCXS-13	GCXS-23	GCXS-33
240-300	GCXS-14	GCXS-24	GCXS-34
400	GCXS-15	GCXS-25	GCXS-35



Other Jointing Accessories



Heat Shrinkable Bus Bar Insulating Tubings (EBT)



Heat Shrinkable Bus Bar Insulating Tapes (EVB)



Heat Shrinkable Repair Sleeves



Heat Shrinkable Moulded Shapes



Weather Proof Plastic Compound (Monoplast)



Cable Jointing Compound



Mastic Sealing Tapes



EPR Self Amalgamating Insulating Tapes



Polymeric Insulators/Lightening & Surge Arrestors



Tinned Copper Braid, Copper Mesh & Constant Force Spring

Approved by :

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& Industries



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