

MEDIUM VOLTAGE HEAT SHRINK ACCESSORIES

CATALOGUE 2022 - ANZ



MEDIUM VOLTAGE

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About the group

FOR OVER A CENTURY, NEXANS HAS PLAYED A CRUCIAL ROLE IN THE ELECTRIFICATION OF THE PLANET AND IS COMMITTED TO ELECTRIFY THE FUTURE.

The Group is leading the charge to the new world of electrification: safe, sustainable, renewable, decarbonized and accessible to everyone. The Group is a leader in the design and manufacturing of cable systems and services across four main business areas: Building & Territories, High Voltage & Projects, Industry & Solutions and Telecom & Data.

Nexans is the first company of its industry to create a Foundation supporting sustainable initiatives bringing access to energy to disadvantaged communities worldwide. The Group pledge to contribute to carbon neutrality by 2030.

HISTORY THE LIVING HISTORY OF NEXANS

Nexans is proud of its long lasting history of over 120 years. 120 years of innovation, flagship projects and international growth. 120 years of destiny that we owe to two remarkable personalities: François Borel, genius inventor, and Edouard Berthoud, brilliant industrialist. With over a century of experience, Nexans has never stopped building the future of electricity and will continue for the years to come. More than 120 years, 3 industrial revolutions... and starting a new chapter



INNOVATION
BY NEXANS,
INNOVATIVE BY
NATURE

In 2019, Nexans completed the first chapter of an epic industrial story that started in the 19th century. After more than 120 years of conquests, major achievements and pioneering inventions, the Group is now starting the second chapter in its history.

LET'S GET CONNECTED

A full range of standardized or customized accessories for your low, medium and high voltage power networks.

Our solutions

Nexans is a leading specialized innovator, manufacturer and distributor of low, medium and high voltage accessories: cable joints and terminations, connectors and bushings, junction cabinets, ferrules and lugs, etc.



LEANER. SMARTER. SIMPLER.
FOR NEXANS, INNOVATION IS THE ART OF DOING THINGS BETTER FOR THE BENEFIT OF OUR CUSTOMERS AND THE COMMUNITY.



COMPANY PRESENTATION

NEXANS ITALY - OFFIDA

INTRODUCTION

The origins of the Nexans Offida began with a company called ITALCO founded in 1969. Three entrepreneurs from Milan set up the company in order to manufacture high quality metal-connectors for the Italian energy networks. The company's focus soon shifted towards the design and manufacturing of accessories for cable installers.

In 1990 the company was bought by the Alcatel group which for the first time delivered the global marketplace onto ITALCO's doorstep. In 2000, Alcatel decided to separate its "cable" activities within the group on a global scale and as a result of this move Nexans was created.

Nexans, from the Latin word "nexus" (link), active in the energy cable production, soon decided to create a highly specialized group of companies known as the Power Cable Accessories Business Unit (PCABU) in order to focus efforts on the sales and development of MV cable and cable accessories.

With expertise in various technologies Nexans manufactures a wide variety of Cable Accessories like cold shrink (Nexans Power Accessories France), heat shrink (Nexans Italia, Offida), slip on, screened connectors and bushings (Nexans Network Solutions, Euromold in Belgium), as well as ferrules and lugs with shear bolt technology (Nexans Power Accessories Germany, GPH in Hof).

With a long experience in the production of accessories for electrical cables, Nexans has the competence to work with customers on a global scale and create personalized solutions that are specifically adapted to our clients requirements and environment.



PRODUCTION

The production unit of Nexans Italia in Offida has been certified according to ISO 9001, ISO 14001 as well as ISO/TS 22163 - IRIS (International Railway Industry Standard), ISO 45001 and ISO 37001.

In order to guarantee the highest level of quality to our end customers, the Offida plant is specialized in the production of all the core-components of its products such as: heat-shrink tubes, mastics and resins for electrical applications.



Heatshrink tubes Heatshrink technology dates back to 1960s. In Nexans, thanks to R&D activity, HS technology has been improved and tailored according to the market needs. Today we produce a complete range of tubes to cover Low and Medium voltage applications till 52kV in our Extruders/ Expanders lines with diameters starting from 20mm till 300mm and up to 4 different layers.

Mastics for electrical use: the complete range of our mastics have been developed and are manufactured totally in company, they are produced by means of a 630 liter mixer in a dedicated part of the plant.

Resins for electrical use, casting and insulating, have been designed by Nexans Italy for more than 35 years.



R&D AND LABORATORY

Our group of engineers and technicians use the most advanced tools and equipment to create, verify and test all our products among the different laboratories and material research centers of the Nexans group. Offida has extensive know how in the field of heat shrink materials as well as mastics.

We are well equipped to perform physical and chemical analysis of insulating, anti-tracking, and stress control materials, both for tubing and mastics. We supply training and failure analysis for all our customers. In the electrical laboratory we can perform type test and routine test (PD measurement at hot and ambient temperature, heating cycles in air and water, humidity and salt fog).

11-22kV SINGLE CORE STRAIGHT JOINT

17JTS1 W - 24JTS1 W UP TO 1200mm²

FOR BIGGER CROSS SECTIONS SEE GTS ON PAGE 14

HEAT-SHRINKABLE MV STRAIGHT JOINTS FOR UNARMoured SINGLE CORE POLYMERIC CABLES WITH COPPER WIRE SCREEN
Up to U_{max} 24 kV

APPLICATION

17-24JTS1 W heat-shrinkable straight joints are designed for unarmoured, plastic insulated cables with Cu wire screen, supplied with mechanical connectors.

TECHNICAL CHARACTERISTICS AND DESIGN

17-24JTS is the **NEW** high performance, compact and easy to install joint. A single body with all the electrical functions integrated!

The Nexans **"TRIPLE GT125"** is an integrated stress control field, insulating and conductive tube, which can withstand high voltage applications up to 24kV.

A double layer pad with conductive rubber inside and HK orange mastic outside to ensure a Faraday cage and smooth the voltage gradient in the connector area.

The electrical continuity of the screen is carried through the joint by one or more mechanical screen links and a tinned copper mesh tape that is wrapped over the joint.

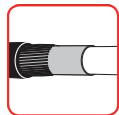
The outer sheath is restored with heavy wall adhesive lined tubing.

All Connectors supplied are "Nexans GPH" mechanical connectors.

Um kV	Type	Order Code	Section range mm ²	Length L (mm)
12	17JTS1.95+M16.95 CW	IT7670	25-95	600
12	17JTS1.240+M70.240 CW	IT7671	70-240	600
12	17JTS1.300+M95.300 CW	IT7672	95-300	600
12	17JTS1.400+M185.400 CW	IT7673	185-400	750
12	17JTS1.630+M400.630 CW	IT7931	400-630	750
12	17JTS1.1000+M630.1000 CW	IT8044	630-1000	1000
12	17JTS1.1200+M800.1200 CW	IT8045	800-1200	1000
24	24JTS1.95+M16.95 CW	IT7674	25-95	600
24	24JTS1.240+M70.240 CW	IT7675	70-240	600
24	24JTS1.300+M95.300 CW	IT7676	95-300	600
24	24JTS1.400+M185.400 CW	IT7677	185-400	750
24	24JTS1.630+M400.630 CW	IT7934	400-630	750
24	24JTS1.1000+M630.1000 CW	IT8046	630-1000	1000
24	24JTS1.1200+M800.1200 CW	IT8047	800-1200	1000

- **17JTS** type tested with BIL at 95 kV, PD at 2U₀ (≤ 10 pC)

- **24JTS** type tested with BIL at 150 kV, PD at 2U₀ (≤ 10 pC)



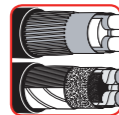
W type is supplied with standard metallic tape design and earth ferrule for copper wire screen cable.



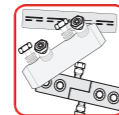
For other cable types please contact our sales office.



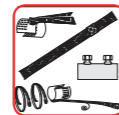
Please contact our sales office when inquiring joints for same type cables with different sections.



Various earth connection design solutions exist for armoring. For exact details contact our sales office



Design accommodates various connector/ferrule types.



Various earth connection kits are available for screen connection. For exact details contact our sales office



*For cross sections 500mm² and 630mm² the double dual wall system is used.



SPECIFICATIONS AND STANDARDS

CENELEC HD 629.1
IEC 60502-4



Scan for information video

33kV SINGLE CORE STRAIGHT JOINT

36JTS1 W UP TO 1200mm²

FOR BIGGER CROSS SECTIONS SEE GTS ON PAGE 15

HEAT-SHRINKABLE MV STRAIGHT JOINTS FOR UNARMoured SINGLE CORE POLYMERIC CABLES WITH COPPER WIRE SCREEN
Up to U_{max} 42 kV

APPLICATION

36JTS1 W heat-shrinkable straight joints are designed for unarmoured, plastic insulated cables with Cu wire screen, supplied with mechanical connectors.

TECHNICAL CHARACTERISTICS AND DESIGN

36JTS is the **NEW** high performance, compact and easy to install joint. This design uses double bodies with all the electrical functions integrated!

The Nexans **36JTS** is an integrated coextruded "stress control field + insulating" nested in a coextruded "insulating + conductive" tube, which can withstand high voltage applications up to 42kV.

A double layer pad with conductive rubber inside and HK orange mastic outside ensure a Faraday cage and smooth the effect of the electrical field and of the voltage gradient in the connector area.

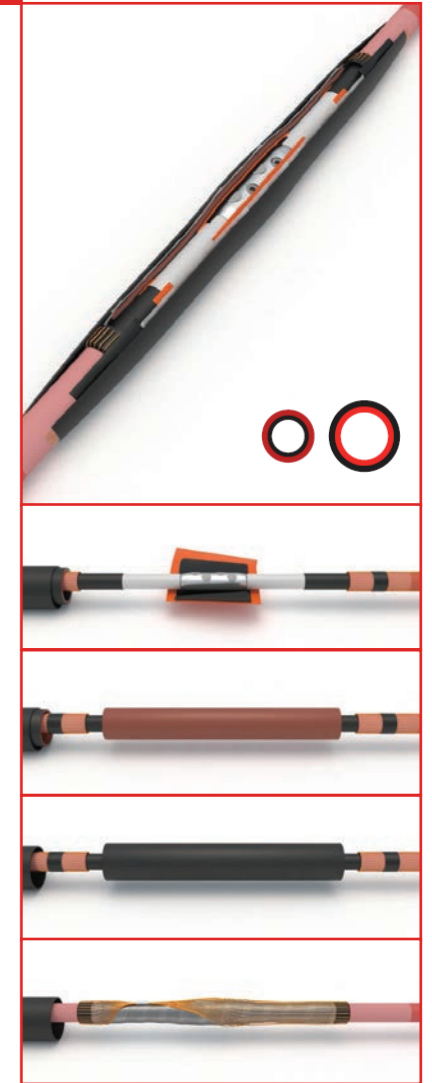
The electrical continuity of the screen is carried through the joint by one or more mechanical screen links and a tinned copper mesh tape that is wrapped over the joint.

The outer sheath is restored with heavy wall adhesive lined tubing.

All Connectors supplied are "Nexans GPH" mechanical connectors.

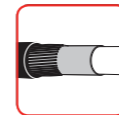
Um kV	Type	Order Code	Section range mm ²	Length L (mm)
36	36JTS1.95+M16.95 CW	IT7906	25-95	600
36	36JTS1.240+M70.240 CW	IT7907	70-240	750
36	36JTS1.300+M95.300 CW	IT7933	95-300	750
36	36JTS1.400+M185.400 CW	IT7908	185-400	750
36	36JTS1.630+M400.630 CW	IT7932	400-630	1000
36	36JTS1.1000+M630.1000 CW	IT8048	630-1000	1000
36	36JTS1.1200+M800.1200 CW	IT8049	800-1200	1000

- **36JTS** type tested with BIL at 200 kV



SPECIFICATIONS AND STANDARDS

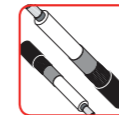
CENELEC HD 629.1
IEC 60502-4



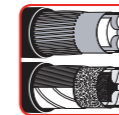
W type is supplied with standard metallic tape design and earth ferrule for copper wire screen cable.



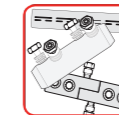
For other cable types please contact our sales office.



Please contact our sales office when inquiring joints for same type cables with different sections.



Various earth connection design solutions exist for armoring. For exact details contact our sales office



Design accommodates various connector/ferrule types.



Various earth connection kits are available for screen connection. For exact details contact our sales office

11-22kV THREE CORE STRAIGHT JOINT

17JTS3 CW - 24JTS3 CW

HEAT-SHRINKABLE MV STRAIGHT JOINTS FOR UNARMoured THREE CORE POLYMERIC CABLES WITH COPPER WIRE SCREEN
Up to U_{max} 24 kV

APPLICATION

17-24JTS1 CW heat-shrinkable straight joints are designed for unarmoured, plastic insulated cables with Cu wire screen, supplied with mechanical connectors.

TECHNICAL CHARACTERISTICS AND DESIGN

17-24JTS is the **NEW** high performance, compact and easy to install joint. A single body with all the electrical functions integrated!

The Nexans "**TRIPLE GT125**" conductive tube, which can withstand high voltage applications up to 24kV.

A double layer pad with conductive rubber inside and HK orange mastic outside ensure a Faraday cage and smooth the effect of the electrical field and of the voltage gradient in the connector area.

The electrical continuity of the screen is ensured with a standard metallic tape plus mechanical screen connectors.

The outer sheath is restored with heavy/medium wall adhesive lined tubing.

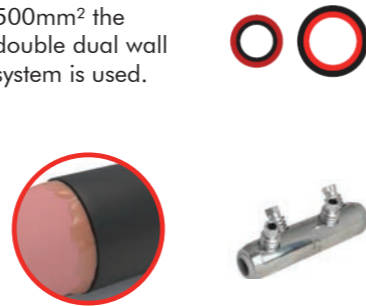
All Connectors supplied are "Nexans GPH" mechanical connectors.

Um kV	Type	Order Code	Section range mm ²	Length L (mm)
12	17JTS3.95+M16.95 CW	IT7678	25-95	1200
12	17JTS3.240+M70.240 CW	IT7679	70-240	1200
12	17JTS3.300+M95.300 CW	IT7680	95-300	1400
12	17JTS3.400+M185.400 CW	IT7681	185-400	1400
12	17JTS3.500+M400.630 CW	TBA	400-630*	
24	24JTS3.95+M16.95 CW	IT7683	25-95	1200
24	24JTS3.240+M70.240 CW	IT7684	70-240	1400
24	24JTS3.300+M95.300 CW	IT7685	95-300	1400
24	24JTS3.400+M185.400 CW	IT7686	185-400	1600
24	24JTS3.500+M400.630 CW	TBA	400-630*	

- **17JTS** type tested with BIL at 95 kV, PD at 2U_o (≤ 10 pC)
- **24JTS** type tested with BIL at 150 kV, PD at 2U_o (≤ 10 pC)

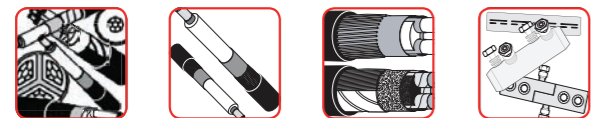


*For cross sections 500mm² the double dual wall system is used.



SPECIFICATIONS AND STANDARDS

CENELEC HD 629.1
IEC 60502-4



For other cable types please contact our sales office.
Please contact our sales office when inquiring joints for same type cables with different sections.
Various earth connection design solutions exist for armoring. For exact details contact our sales office.
Design accommodates various connector/ferrule types.

33kV THREE CORE STRAIGHT JOINT

36JTS3 CW

HEAT-SHRINKABLE MV STRAIGHT JOINTS FOR UNARMoured THREE CORE POLYMERIC CABLES WITH COPPER WIRE SCREEN
Up to U_{max} 42 kV

APPLICATION

36JTS3 CW heat-shrinkable straight joints are designed for unarmoured, plastic insulated cables with Cu wire screen, supplied with.

TECHNICAL CHARACTERISTICS AND DESIGN

36JTS is the **NEW** high performance, compact and easy to install joint. This Design uses double bodies with all the electrical functions integrated!

The Nexans **36JTS** is an integrated coextruded "stress control field + insulating" nested in a coextruded "insulating + conductive" tube, which can withstand high voltage applications up to 42kV

A double layer pad with conductive rubber inside and HK orange mastic outside ensure a Faraday cage and smooth the effect of the electrical field and of the voltage gradient in the connector area.

The electrical continuity of the screen is ensured with a standard metallic tape plus mechanical screen connectors.

The outer sheath is restored with heavy/medium wall adhesive lined tubing.
All Connectors supplied are "Nexans GPH" mechanical connectors.

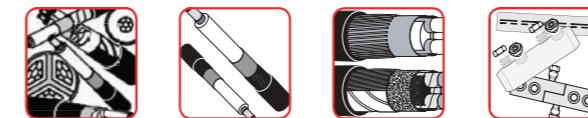
Um kV	Type	Order Code	Section range mm ²	Length L (mm)
36	36JTS3.95+M16.95 CW	IT7978	50-95	1400
36	36JTS3.240+M70.240 CW	IT7979	70-240	1600
36	36JTS3.300+M95.300 CW	IT7980	95-300	1600
36	36JTS3.400+M185.400 CW	IT7981	185-400	1800
36	36JTS3.500+M400.630 CW	TBA	400-630	2000

- **36JTS** type tested with BIL at 200 kV



SPECIFICATIONS AND STANDARDS

CENELEC HD 629.1
IEC 60502-4



For other cable types please contact our sales office.
Please contact our sales office when inquiring joints for same type cables with different sections.
Various earth connection design solutions exist for armoring. For exact details contact our sales office.
Design accommodates various connector/ferrule types.

11-22kV THREE CORE ARMoured JOINT

17JTS3 K - 24JTS3 K

HEAT-SHRINKABLE MV STRAIGHT JOINTS FOR **ARMoured** THREE CORE POLYMERIC CABLES WITH COPPER WIRE SCREEN
Up to U_{max} 24 kV

APPLICATION

17-24JTS3 CW heat-shrinkable straight joints are designed for **armoured**, plastic insulated cables with Cu wire screen, supplied with mechanical connectors.

TECHNICAL CHARACTERISTICS AND DESIGN

17-24JTS is the **NEW** high performance, compact and easy to install joint. A single body with all the electrical functions integrated!

The Nexans "**TRIPLE GT125**" conductive tube, which can withstand high voltage applications up to 24kV.

A double layer pad with conductive rubber inside and HK orange mastic outside ensures a Faraday cage and smooth the effect of the electrical field and of the voltage gradient in the connector area.

The electrical continuity of the screen is ensured with a standard metallic tape plus mechanical screen connectors.

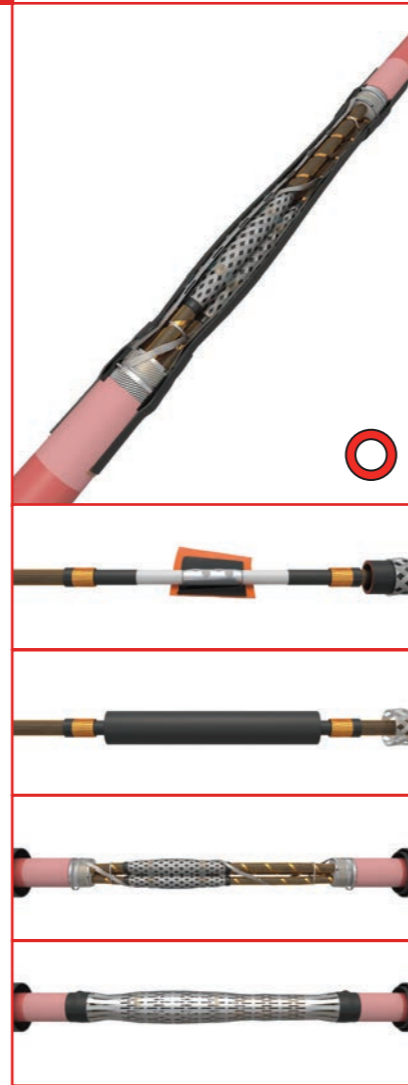
The outer sheath is restored with heavy/medium wall adhesive lined tubing.

All Connectors supplied are "Nexans GPH" mechanical connectors.

Um kV	Type	Order Code	Section range mm ²	Length L (mm)
12	17JTS3.95K+M16.95 CW	IT7938	25-95	1200
12	17JTS3.240K+M70.240 CW	IT7939	70-240	1200
12	17JTS3.300K+M95.300 CW	IT7940	95-300	1400
12	17JTS3.400K+M185.400 CW	IT7941	185-400	1400
24	24JTS3.95K+M16.95 CW	IT7942	25-95	1200
24	24JTS3.240K+M70.240 CW	IT7943	70-240	1400
24	24JTS3.300K+M95.300 CW	IT7949	95-300	1400
24	24JTS3.400K+M185.400 CW	IT7950	185-400	1600

- **17JTS** type tested with BIL at 95 kV, PD at 2U_o (≤ 10 pC)

- **24JTS** type tested with BIL at 150 kV, PD at 2U_o (≤ 10 pC)



SPECIFICATIONS AND STANDARDS

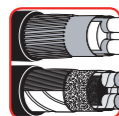
CENELEC HD 629.1
IEC 60502-4



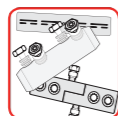
For other cable types please contact our sales office.



Please contact our sales office when inquiring joints for same type cables with different sections.



Various earth connection design solutions exist for armoring. For exact details contact our sales office



Design accommodates various connector/ferrule types.

33kV THREE CORE ARMoured JOINT

36JTS3 K

HEAT-SHRINKABLE MV STRAIGHT JOINTS FOR **ARMoured** THREE CORE POLYMERIC CABLES WITH COPPER WIRE SCREEN
Up to U_{max} 42 kV

APPLICATION

36JTS3 CW heat-shrinkable straight joints are designed for **armoured**, plastic insulated cables with Cu wire screen, supplied with.

TECHNICAL CHARACTERISTICS AND DESIGN

36JTS is the **NEW** high performance, compact and easy to install joint. This design uses double bodies with all the electrical functions integrated!

The Nexans **36JTS** nested in a coextruded "insulating + conductive" tube, which can withstand high voltage applications up to 42kV

A double layer pad with conductive rubber inside and HK orange mastic outside ensures a Faraday cage and smooth the effect of the electrical field and of the voltage gradient in the connector area.

The electrical continuity of the screen is ensured with a standard metallic tape plus mechanical screen connectors.

The outer sheath is restored with heavy/medium wall adhesive lined tubing.

All Connectors supplied are "Nexans GPH" mechanical connectors.

Um kV	Type	Order Code	Section range mm ²	Length L (mm)
36	36JTS3.95K+M16.95 CW	IT7951	25-95	1400
36	36JTS3.240K+M70.240 CW	IT7952	70-240	1600
36	36JTS3.300K+M95.300 CW	IT7954	95-300	1600
36	36JTS3.400K+M185.400 CW	IT7955	185-400	1800

- **36JTS** type tested with BIL at 200 kV

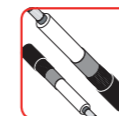


SPECIFICATIONS AND STANDARDS

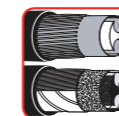
CENELEC HD 629.1 S3
IEC 60502-4



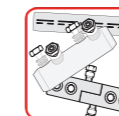
For other cable types please contact our sales office.



Please contact our sales office when inquiring joints for same type cables with different sections.



Various earth connection design solutions exist for armoring. For exact details contact our sales office



Design accommodates various connector/ferrule types.

11-22kV SINGLE CORE STRAIGHT JOINT

17GTS1 W - 24GTS1 W

BIGGER CROSS SECTIONS: 1200MM² TO 1600MM²

HEAT-SHRINKABLE MV STRAIGHT JOINTS FOR UNARMoured SINGLE CORE POLYMERIC CABLES WITH COPPER WIRE SCREEN
Up to U_{max} 24 kV

APPLICATION

17-24GTS1 CW heat-shrinkable straight joints are designed for unarmoured, plastic insulated cables with Cu wire screen, supplied with mechanical connectors.

TECHNICAL CHARACTERISTICS AND DESIGN

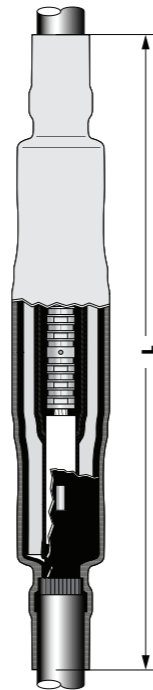
17-24GTS is a high performance, compact and easy to install joint. Designed specifically for bigger cross sections.

The Nexans **17-24GTS** is nested in a coextruded "insulating + conductive" tube, which can withstand high voltage applications up to 24kV

The screen cut and connector are covered by stress grading mastic. Stress control tubing covers and overlaps the connector and screen cut area.

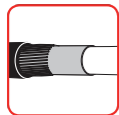
The electrical continuity of the screen is ensured with a standard metallic tape plus mechanical screen connectors.

The outer sheath is restored with heavy/medium wall adhesive lined tubing. All Connectors supplied are "Nexans GPH" mechanical connectors.



SPECIFICATIONS AND STANDARDS

CENELEC HD 629.1 S2
IEC 60502-4



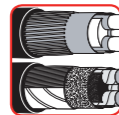
W type is supplied with standard metallic tape design and earth ferrule for copper wire screen cable.



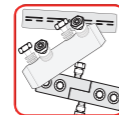
For other cable types please contact our sales office.



Please contact our sales office when inquiring joints for same type cables with different sections.



Various earth connection design solutions exist for armoring. For exact details contact our sales office



Design accommodates various connector/ferrule types.

33kV SINGLE CORE STRAIGHT JOINT

36GTS1 W

BIGGER CROSS SECTIONS: 1200MM² TO 1600MM²

HEAT-SHRINKABLE MV STRAIGHT JOINTS FOR UNARMoured SINGLE CORE POLYMERIC CABLES WITH COPPER WIRE SCREEN
Up to U_{max} 42 kV

APPLICATION

36GTS1 CW heat-shrinkable straight joints are designed for unarmoured, plastic insulated cables with Cu wire screen, supplied with mechanical connectors.

TECHNICAL CHARACTERISTICS AND DESIGN

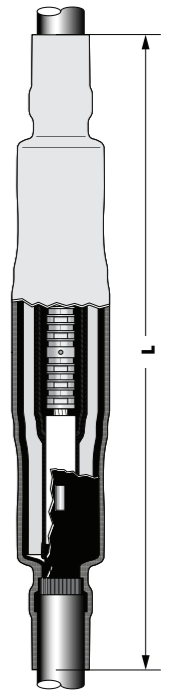
36GTS is a high performance, compact and easy to install joint. Designed specifically for bigger cross sections.

The Nexans **36GTS** is nested in a coextruded "insulating + conductive" tube, which can withstand high voltage applications up to 42kV

The screen cut and connector are covered by stress grading mastic. Stress control tubing covers and overlaps the connector and screen cut area.

The electrical continuity of the screen is ensured with a standard metallic tape plus mechanical screen connectors.

The outer sheath is restored with heavy/medium wall adhesive lined tubing. All Connectors supplied are "Nexans GPH" mechanical connectors.

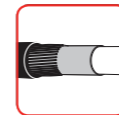


Um kV	Type	Order Code	Section range mm ²	Length L (mm)
36	36GTS1.1200+M800.1200 CW	IT5966	800-1200	1500
36	36JTS1.1600+M1600 CW	IT6505	1600	1500

- **36GTS** type tested with BIL at 200 kV

SPECIFICATIONS AND STANDARDS

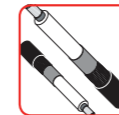
CENELEC HD 629.1 S3
IEC 60502-4



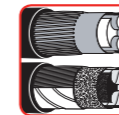
W type is supplied with standard metallic tape design and earth ferrule for copper wire screen cable.



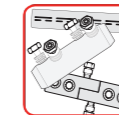
For other cable types please contact our sales office.



Please contact our sales office when inquiring joints for same type cables with different sections.



Various earth connection design solutions exist for armoring. For exact details contact our sales office



Design accommodates various connector/ferrule types.

PILC TRANSITION JOINTS

JTM TRANSITION JOINTS

HEAT-SHRINKABLE MV **TRANSITION** JOINTS FOR THREE CORE OR SINGLE CORE POLYMERIC CABLES WITH COPPER WIRE SCREEN TO THREE CORE **PILC** CABLES
Up to U_{max} 36 kV

APPLICATION

JTM heat-shrinkable transition joints are designed for jointing, plastic insulated cables with Cu wire screen to Paper insulated lead screened cables. They are supplied with mechanical connectors.

TECHNICAL CHARACTERISTICS AND DESIGN

JTM is a high performance, compact and easy to install joint. that is designed to simplify the installation process of one of the more complicated style of MV joints.

The PILC side of the joint is converted into a plastic cable, utilizing oil resistant tubes, semi conductive tubes and a 3 finger semi conductive breakout boot.

The Nexans **JTM** is nested in a co-extruded "insulating + conductive" tube, which can withstand high voltage applications up to 36kV

A double layer pad with conductive rubber inside and HK orange mastic outside ensure a Faraday cage and smooth the effect of the electrical field and of the voltage gradient in connector area.

The electrical continuity of the screen is ensured with a standard metallic tape plus mechanical screen connectors and Tinned copper braids which can be connected to the lead sheath via lead plumbing process or multiple roll springs.

The outer sheath is restored with heavy/medium wall adhesive lined tubing along with extra sealing tape to ensure sealing on the PILC cable sheath.

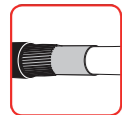
All Connectors supplied are "Nexans GPH" mechanical connectors.

ORDERING THIS PRODUCT

Given the different possibilities or customizations of the product please contact your local Sales or Technical representative for more information.



SPECIFICATIONS AND STANDARDS
CENELEC HD 629.2
IEC 60502-4



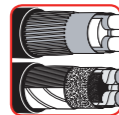
W type is supplied with standard metallic tape design and earth ferrule for copper wire screen cable.



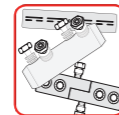
For other cable types please contact our sales office.



Trifurcating kits "TK" available separately. Please see available sizes of specific catalogue page



Various earth connection design solutions exist for armoring. For exact details contact our sales office



Design accommodates various connector/ferrule types.

SINGLE CORE INDOOR TERMINATION

MONOi1

HEAT-SHRINKABLE MV INDOOR TERMINATIONS FOR SINGLE CORE POLYMERIC CABLES WITH Cu WIRE OR TAPE SCREEN, WITHOUT ARMOUR
Up to 19/33 (36) kV

APPLICATION

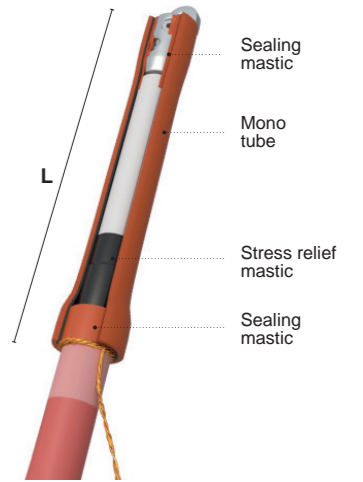
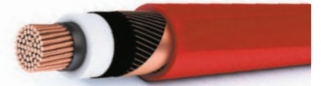
The "**MONOi1**" terminations are a single component solution, for single core polymeric cables without armour.

TECHNICAL CHARACTERISTICS AND DESIGN

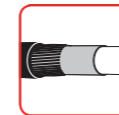
The "**MONOi1**" indoor terminations are designed for maximum system voltages of 36kV, for compact switchgear as well as for installations where space is limited.

Easy and quick to install, reducing installation time and errors. The kit consists of a stress control mastic strip, a co-extruded dual wall tube and red anti tracking sealing mastic.

For single core Armoured please contact your Nexans representative.



SPECIFICATIONS AND STANDARDS
CENELEC HD 629.1
IEC 60502-4



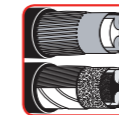
W type is supplied with standard metallic tape design and earth ferrule for copper wire screen cable.



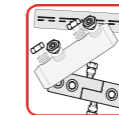
For other cable types please contact our sales office.



Trifurcating kits "TK" available separately. Please see available sizes of specific catalogue page



Various earth connection design solutions exist for armoring. For exact details contact our sales office



Design accommodates various connector/ferrule types.



Various earth connection kits are available for screen connection. For exact details contact our sales office



Scan for information video

SINGLE CORE OUTDOOR TERMINATION

MONOe1

HEAT-SHRINKABLE MV OUTDOOR TERMINATIONS FOR SINGLE CORE POLYMERIC CABLES WITH Cu WIRE OR TAPE SCREEN, WITHOUT ARMOUR

Up to 19/33 (36) kV

APPLICATION

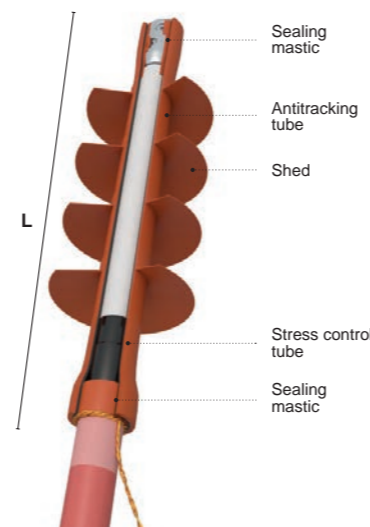
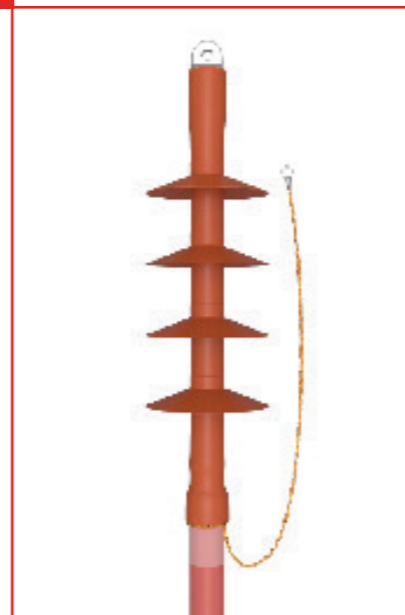
The "MONOe" terminations are a single component solution, for single core polymeric cables without armour.

TECHNICAL CHARACTERISTICS AND DESIGN

The "MONOe" outdoor terminations are designed for maximum system voltages of 36kV.

Easy and quick to install, reducing installation time and errors. The kit consists of a stress control mastic strip, a co-extruded dual wall tube, red anti tracking sealing mastic and anti tracking rain sheds.

For single core Armoured please contact your Nexans representative.



SPECIFICATIONS AND STANDARDS

CENELEC HD 629.1
IEC 60502-4



Designed for outdoor applications

W type is supplied with standard metallic tape design and earth ferrule for copper wire screen cable.

Trifurcating kits "TK" available separately. Please see available sizes of specific catalogue page

For other cable types please contact our sales office.

Various earth connection design solutions exist for armoring. For exact details contact our sales office

Design accommodates various connector/ferrule types.

Various earth connection kits are available for screen connection. For exact details contact our sales office



Scan for information video

THREE CORE INDOOR TERMINATION

MONOi3

HEAT-SHRINKABLE MV INDOOR TERMINATIONS FOR THREE CORE POLYMERIC CABLES WITH Cu WIRE SCREEN, WITH OR WITHOUT ARMOUR

Up to 12/24/36kV

APPLICATION

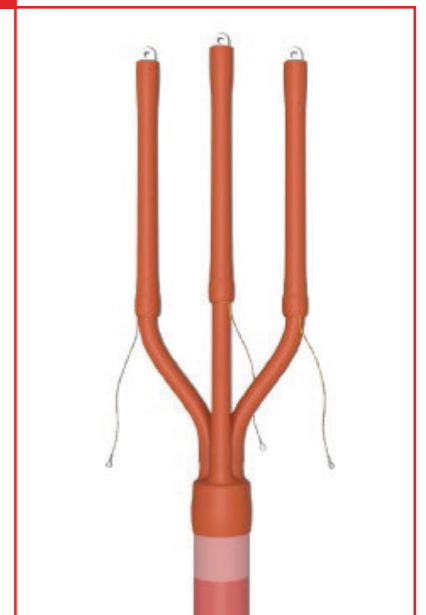
The "MONOi" terminations are a single component solution, for three core polymeric cables with or without armour.

TECHNICAL CHARACTERISTICS AND DESIGN

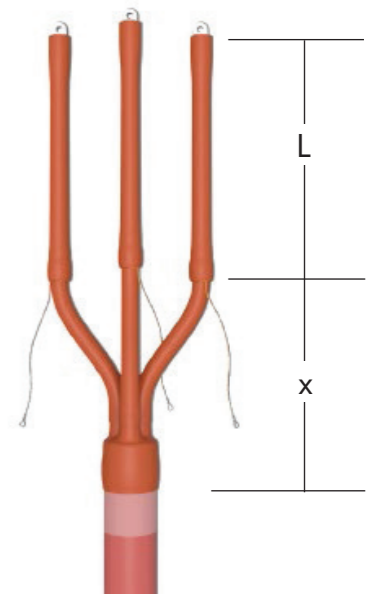
The "MONOi" indoor terminations are designed for maximum system voltages of 36kV, for compact switchgear as well as for installations where space is limited.

Easy and quick to install, reducing installation time and errors. The kit consists of a stress control mastic strip, a co-extruded dual wall tube and red anti tracking sealing mastic.

For three core Armoured please contact your Nexans representative.



Um kV	Type	Order Code	Section range mm ²	Length L (mm)
12	12MONOi3.95	IT6371	16-95	300
12	12MONOi3.240	IT6368	70-240	300
12	12MONOi3.400	IT6369	185-400	350
12	12MONOi3.500	IT6370	400-500	350
24	24MONOi3.95	IT6372	35-95	350
24	24MONOi3.240	IT6373	70-240	350
24	24MONOi3.400	IT6374	185-400	400
24	24MONOi3.500	IT6375	400-500	400
36	36MONOi3.95	IT6376	50-95	450
36	36MONOi3.240	IT6383	70-240	450
36	36MONOi3.400	IT6384	185-400	450
36	36MONOi3.500	IT6385	400-500	500



Length X- standard length of tube provided in the kit is 500mm this length is variable and can be supplied with longer lengths on request.

SPECIFICATIONS AND STANDARDS

CENELEC HD 629.1
IEC 60502-4



W type is supplied with standard metallic tape design and earth ferrule for copper wire screen cable.

For other cable types please contact our sales office.

Trifurcating kits "TK" available separately. Please see available sizes of specific catalogue page

Various earth connection design solutions exist for armoring. For exact details contact our sales office

Design accommodates various connector/ferrule types.

Various earth connection kits are available for screen connection. For exact details contact our sales office

THREE CORE OUTDOOR TERMINATION

MONOe3

HEAT-SHRINKABLE MV OUTDOOR TERMINATIONS FOR THREE CORE POLYMERIC CABLES WITH Cu WIRE SCREEN, WITH OR WITHOUT ARMOUR

Up to 19/33 (36) kV

APPLICATION

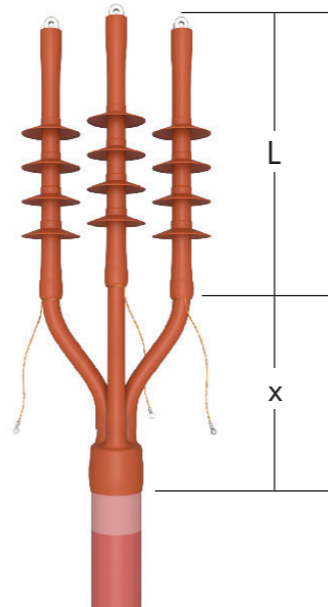
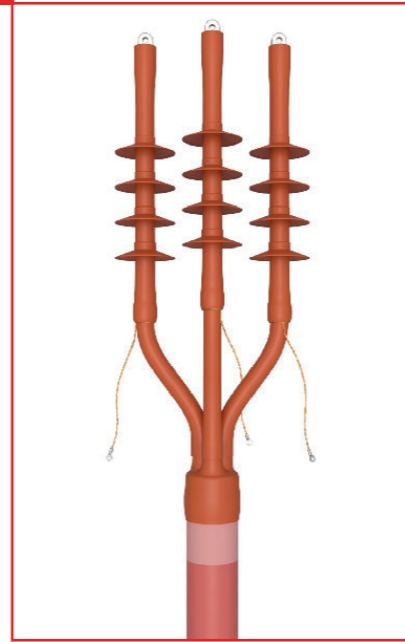
The "MONOe" terminations are a single component solution, for three core polymeric cables with or without armour.

TECHNICAL CHARACTERISTICS AND DESIGN

The "MONOe" outdoor terminations are designed for maximum system voltages of 36kV.

Easy and quick to install, reducing installation time and errors. The kit consists of a stress control mastic strip, a co-extruded dual wall tube, red anti tracking sealing mastic and anti tracking rain sheds.

For three core Armoured please contact your Nexans representative.

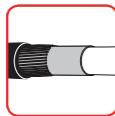


SPECIFICATIONS AND STANDARDS

CENELEC HD 629.1
IEC 60502-4



Designed for outdoor applications



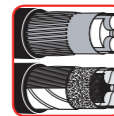
W type is supplied with standard metallic tape design and earth ferrule for copper wire screen cable.



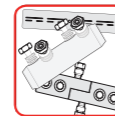
Trifurcating kits "TK" available separately. Please see available sizes of specific catalogue page



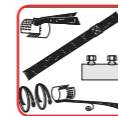
For other cable types please contact our sales office.



Various earth connection design solutions exist for armoring. For exact details contact our sales office



Design accommodates various connector/ferrule types.



Various earth connection kits are available for screen connection. For exact details contact our sales office

TRIFURCATION KIT

TKC

HEAT-SHRINKABLE MV TRIFURCATION KITS FOR THREE CORE POLYMERIC CABLES WITH Cu WIRE SCREEN, WITH OR WITHOUT ARMOUR

Up to 19/33 (36) kV

APPLICATION

The "TKC" trifurcation kits are designed to accommodate three core polymeric cables with or without armour.

TECHNICAL CHARACTERISTICS AND DESIGN

The TKC trifurcation kits consist of a medium wall glue lined breakout for the cable crotch area, water sealing mastic and medium wall restoration tube.

The Armoured version uses the same components but includes an additional armor kit.



UN-Armoured Breakout kit				
Standard Kit Code	Item Codes	11kv	22kv	33kv
TKC1 (TL=500)	IT7799	16-70mm ²		
TKC2 (TL=500)	IT7800	35-185mm ²	35-120mm ²	
TKC3 (TL=500)	IT7801	120-500mm ²	35-500mm ²	50-300mm ²
TKC4 (TL=500)	IT7802	240-500mm ²	150-500mm ²	70-500mm ²

Armoured Breakout kit				
Standard Kit Code	Item Codes	11kv	22kv	33kv
TKC1A (TL=500)	IT7803	16-35mm ²		
TKC2A (TL=500)	IT7804	25-150mm ²	35-50mm ²	
TKC3A (TL=500)	IT7805	95-400mm ²	35-300mm ²	50-185mm ²
TKC4A (TL=500)	IT7806	300-500mm ²	150-500mm ²	70-500mm ²

Note: Armoured kits come standard with 16mm² braid with solder block and 13mm eye.



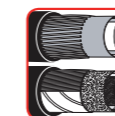
SPECIFICATIONS AND STANDARDS

Standard kit comes with 500 tube length

For a different tail length, please contact your local sales representative



For other cable types please contact our sales office.



Various earth connection design solutions exist for armoring. For exact details contact our sales office



Various earth connection kits are available for screen connection. For exact details contact our sales office

ANTI-TRACKING TRIFURCATION KIT

TK

HEAT-SHRINKABLE MV TRIFURCATION KITS FOR THREE CORE POLYMERIC CABLES WITH Cu WIRE SCREEN, WITH OR WITHOUT ARMOUR

Up to 19/33 (36) kV

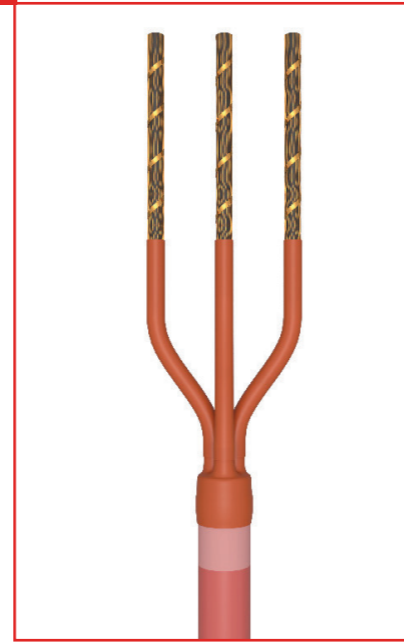
APPLICATION

The "TK" trifurcation kits are designed to accommodate three core polymeric cables with or without armour.

TECHNICAL CHARACTERISTICS AND DESIGN

The TK trifurcation kits consist of a anti-tracking breakout for the cable crotch area and anti-tracking restoration tube.

The Armoured version uses the same components but includes an additional armor kit.



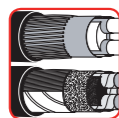
UN-Armoured Breakout kit				
Standard Kit Code	Item Codes	11kv	22kv	33kv
TK1/1 (TL=500)	IT7632	16-70mm ²		
TK2/1 (TL=500)	IT7633	16-240mm ²	35-150mm ²	35-70mm ²
TK3/1 (TL=500)	IT7634	120-500mm ²	35-500mm ²	50-400mm ²
TK4/1 (TL=500)	IT7635	300-500mm ²	150-500mm ²	70-500mm ²

Armoured Breakout kit				
Standard Kit Code	Item Codes	11kv	22kv	33kv
TK1A (TL=500)	IT7709	16-25mm ²		
TK2A (TL=500)	IT7710	16-120mm ²	35-70mm ²	50mm ²
TK3A (TL=500)	IT7711	25-500mm ²	35-300mm ²	50-240mm ²
TK4A (TL=500)	IT7712	300-500mm ²	150-500mm ²	70-500mm ²

Note: Armoured kits come standard with 16mm² braid with solder block and 13mm eye.



For other cable types please contact our sales office.



Various earth connection design solutions exist for armoring. For exact details contact our sales office



Various earth connection kits are available for screen connection. For exact details contact our sales office

MECHANICAL CONNECTOR UP TO 52 KV

WITH SHEAR-OFF-HEAD BOLTS AND TRANSVERSE GROOVING

TECHNICAL CHARACTERISTICS AND DESIGN

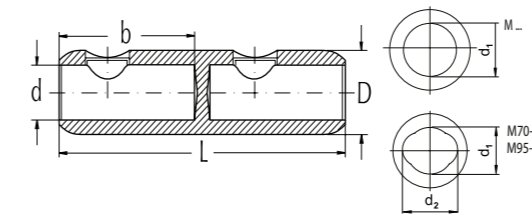
Connector Body: high strength aluminum alloy

Bolts: brass, tin-plated, with inner and outer hexagon or aluminum alloy

Surface: Connector Body: tin-plated

Centering: center rings or inserts are enclosed for centric conductor positioning

Connectors filled with compound and sealed in plastic.

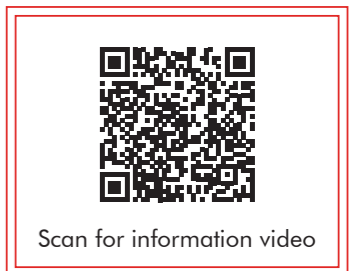


Cat. no.	AL in mm ²			CU in mm ²		Number of bolts	Dimensions mm				Tool/ outer and inner hexagon
	round strand.	round solid	sector strand.	round strand.	sector strand.		L	d ₁	D	b	
M16-95	16-95	10-95	25-70	16-95	25-70	2	70	12,5	24	32	SW10 & SW6
M25-150	25-150	25-150	35-120	25-150	35-120	2	85	15,5	30	35	SW10 & SW6
M70-240	70-240	70-240	70-240	70-240	70-240	4	120	22 ¹⁾	35	56	SW13 & SW6
M95-240	95-240	95-240	95-185	95-240	95-185	4	120	20	33	56	SW13 & SW6
M95-300	95-300	95-300	95-240	70-300	70-240	4	142	23 ¹⁾	36	67	SW13 & SW8
M120-300	120-300	120-300	120-240	120-300	120-240	4	142	25	38	67	SW19 & SW6
M185-400	185-400	185-400	185-300	185-400	185-300	6	170	26	42	82	SW19 & SW6
M300-500	300-500	300-500	300-400	300-500	300-400	6	200	34	52	94	SW19 & SW8
M400-630	400-630	400-630	400-500	400-630	400-500	6	200	34	52	94	SW19 & SW8
M630-1000 ²⁾	630-1000	630-1000		630-1000		8	220	41	65	105	SW19 & SW8
M800	800	800		800		8	220	37	60	105	SW19
M1000	1000	1000				8	220	41	60	105	SW19
M800-1200 ²⁾	800-1200	630-1200		630-1000		8	220	45	72	105	SW22 & SW8

1) Dimension d₂ = 26 mm

2) Centric conductor positioning by center inserts

Please note technical information.



MECHANICAL CABLE LUG UP TO 52 KV

CENTRIC WITH SHEAR-OFF-HEAD BOLTS AND TRANSVERSE GROOVING

TECHNICAL CHARACTERISTICS AND DESIGN

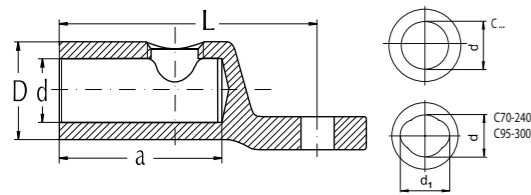
Connector Body: high strength aluminum alloy

Bolts: brass, tin-plated, with inner and outer hexagon or aluminum alloy

Surface: tin-plated

Centering: center rings or inserts are enclosed for centric conductor positioning

Connectors filled with compound and sealed in plastic.



Cat. no.	AL in mm ²			CU in mm ²		Number of bolts	Dimensions mm				Palm hole mm	Tool/ outer and inner hexagon
	round stranded	round solid	sector stranded	round stranded	sector stranded		L	d	D	a		
C16-95 x 12	16-95	10-95	25-70	16-95	25-70	1	60	12,5	24	32	13	SW10 & SW6
C16-95 x 16				17								
C25-150 x 12	25-150	25-150	35-120	25-150	35-120	1	79	15,5	30	35	13	SW10 & SW6
C25-150 x 16				17								
C70-240 x 12	70-240	70-240	70-240	70-240	70-240	2	93,5	22 ¹⁾	35	56	13	SW13 & SW6
C70-240 x 16				17								
C95-240 x 12	95-240	95-240	95-185	95-240	95-185	2	95	20	33	56	13	SW13 & SW6
C95-240 x 16				17								
C95-300 x 12	95-300	95-300	95-240	70-300	70-240	2	105	23 ¹⁾	36	67	13	SW13 & SW8
C95-300 x 16				17								
C120-300 x 12	120-300	120-300	120-240	120-300	120-240	2	105	25	38	67	13	SW19 & SW6
C120-300 x 16				17								
C185-400 x 12	185-400	185-400	185-300	185-400	185-300	3	120	26	42	82	13	SW19 & SW6
C185-400 x 16				17								
C300-500 x 12	300-500	300-500	300-400	300-500	300-400	3	130	34	52	94	13	SW19 & SW8
C300-500 x 16											17	
C300-500 x 20											21	
C400-630 x 12	400-630	400-630	400-500	400-630	400-500	3	130	34	52	94	13	SW19 & SW8
C400-630 x 16											17	
C400-630 x 20											21	
C630-1000 x 20 ²⁾	630-1000	630-1000		630-1000		4	165	41	65	105	21	SW19 & SW8
C800-1200 x 20 ²⁾	800-1200	630-1200		630-1000		4	170	45	72	105	21	SW22 & SW8

1) Dimension $d_1 = 26$ mm

2) Centric conductor positioning by center inserts

Other palm holes on request.

Please note technical information.

MECHANICAL CABLE LUG UP TO 52 KV

CENTRIC WITH 2 PALM HOLES, SHEAR-OFF-HEAD BOLTS AND TRANSVERSE GROOVING

TECHNICAL CHARACTERISTICS AND DESIGN

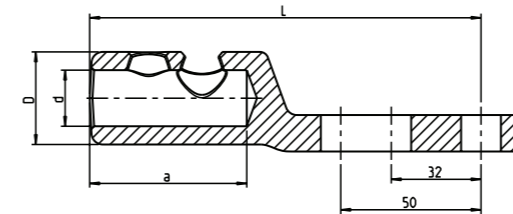
Connector Body: high strength aluminum alloy

Bolts: brass, tin-plated, with outer hexagon

Surface: tin-plated

Centering: center rings are enclosed for centric conductor positioning

Connectors filled with compound and sealed in plastic.



Cat. no.	AL in mm ²			CU in mm ²		Number of bolts	Dimensions mm				Palm hole mm	for outer hexagon
	round strand.	round solid	sector strand.	round strand.	sector strand.		L	d_1	D	b		
C25-150/2 (#2-300) x 2 x 12 EW 32-50	25-150	25-150	35-120	25-150	35-120	2	123,5	15,5	30,0	41,0	13,0	SW10
C25-150/2 (#2-300) x 2 x 14 EW 32-50											14,2	
C95-240 (4/0-500) x 2 x 12 EW 32-50	95-240	95-240	95-185	95-240	95-185	2	139,5	20,0	33,0	56,0	13,0	SW13
C95-240 (4/0-500) x 2 x 14 EW 32-50											14,2	
C185-400 (350-750) x 2 x 12 EW 32-50	185-400	185-400	185-300	185-400	185-300	3	164,5	26,0	42,0	82,0	13,0	SW19
C400-630 (750-1250) x 2 x 12 EW 32-50	400-630	400-630	400-500	400-630	400-500	3	180,0	34,0	52,0	94,0	13,0	SW19

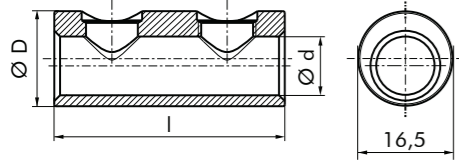
Other palm holes on request.

Please note technical information.

SCREEN WIRE CONNECTOR WITH SHEAR-OFF-HEAD BOLTS

TECHNICAL CHARACTERISTICS AND DESIGN

Connector body: brass
Bolts: brass, tin-plated AF 10
Surface: tin-plated



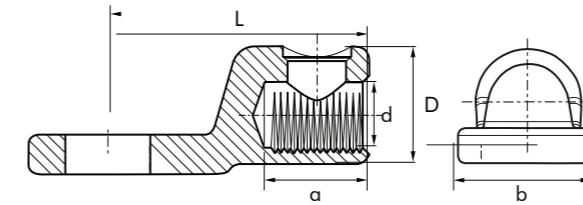
Cat. no.	CU in mm ²	Flat wire AL		Dimensions mm					Palm hole mm
	round strand.	Quantity	Dimension	L	D	b	d	a	
1070 MS-RD	10-50	3-13	1 mm x 5,2 mm	40	16,5		10,2		

Please note technical information.

SCREEN WIRE LUG WITH SHEAR-OFF-HEAD BOLTS

TECHNICAL CHARACTERISTICS AND DESIGN

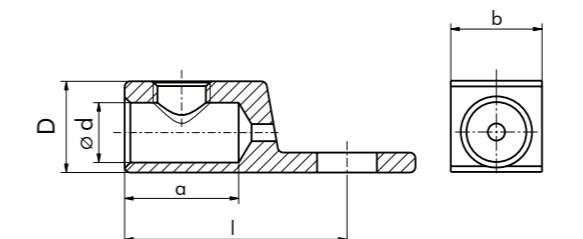
Connector body: high strength aluminum alloy
Bolts: high strength aluminum alloy, uncoated
Surface: tin-plated



Cat. no.	CU in mm ²	Flat wire AL		Dimensions mm					Palm hole mm
	round strand.	Quantity	Dimension	L	D	b	d	a	
SWL 10-50 x 10	10-50	3-13	1 mm x 4,8 mm	40	18	24	10	16	10,5
SWL 10-50 x 12	10-50	3-13	1 mm x 4,8 mm	40	18	24	10	16	13
SWL 16-95 x 12	16-95			52	25	25	14	24	13

TECHNICAL CHARACTERISTICS AND DESIGN

Connector body: brass
Bolts: brass, tin-plated AF 10
Surface: tin-plated



Cat. no.	CU in mm ²	Flat wire AL		Dimensions mm					Palm hole mm
	round strand.	Quantity	Dimension	L	D	b	d	a	
1070/1 x 10 MS	10-50	3-13	1 mm x 5,2 mm	39	16	16	10,5	20	10,5
1070/1 x 12 MS	10-50	3-13	1 mm x 5,2 mm	41	16	19	10,5	20	13

Please note technical information.

GT11/GT11R

HEAT-SHRINKABLE REPAIR SLEEVE (ZIPPER TUBE)

APPLICATION

GT11 is an adhesive lined wraparound sleeve, while **GT11R** is a fiber reinforced version.

Ideal for joint outer sheath rebuilding on both LV and MV applications when space is limited, or when parking the outer jacket tubing is difficult.

GT11R provides superior impact and cut through resistance.

TECHNICAL CHARACTERISTICS AND DESIGN

Material: Crosslinked polyolefin

Colour: Black

Continuous operating temperature: -40°C to +135°C

Minimum shrink temperature: 125°C

Density: 1,1 g/cm³±10% ASTM D-1505 / ISO R1183

Tensile strength: 20÷25 N/mm² ASTM D-412 / ISO 37

Ultimate elongation: 500%÷600% ASTM D-412 / ISO 37

Dielectric constant: <5 IEC 250

Volume resistivity: >1x10¹³Ohm.cm IEC 93

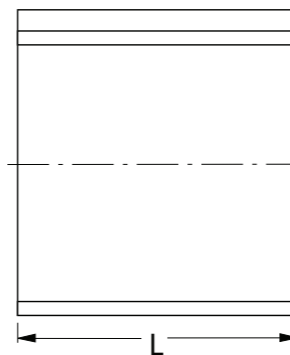
Dielectric strength: >15 kV/mm IEC 243

Water absorption: <0,2% DIN 53495 / ISO 92

Fungus and mildew resistance: V applied: 1, with: GL0 ASTM G 21

Contents of carbon black: >2,5% ASTM 2671

Chemical resistance: (Treatment with 0,1NNa₂SO₄, H₂SO₄, NaOH, NaCl)



Type	Ø as supplied / after full recovery (mm)	Tk wall thickness after full recovery (mm)	L standard (m)
GT11-34 / GT11-34 R	41/10	2,5	1.5
GT11-50 / GT11-50 R	55/15	2,5	1.5
GT11-75 / GT11-75 R	75/22	2,8	1.5
GT11-105 / GT11-105 R	105/30	3	1.5
GT11-120 / GT11-120 R	120/40	3,5	1.5
GT11-146 / GT11-146 R	146/38	3,5	1.5
GT11-164 / GT11-164 R	164/42	3,5	1.5
GT11-200 / GT11-200 R	200/55	3,5	1.5

END CAP

HEAT-SHRINKABLE CABLE END CAPS

Up to U_{max} 1,2kV

APPLICATION

END CAP injection molded, heat-shrinkable, insulating cable end caps.

The caps are available with or without adhesive.

The caps are weather and UV resistant, and the adhesive lined versions prevent moisture and water ingress.

The **END CAP** with adhesive can also be utilized as low voltage live end seals.

Sold as separate kits, with appropriate marking.



TECHNICAL CHARACTERISTICS AND DESIGN

Material: Crosslinked polyolefin

Colour: Black

Continuous operating temperature: -40°C to +135°C

Minimum shrink temperature: 125°C

Density: 1 g/cm³±10% ASTM D-1505 / ISO R1183

Tensile strength: >8 N/mm² ASTM D-412 / ISO 37

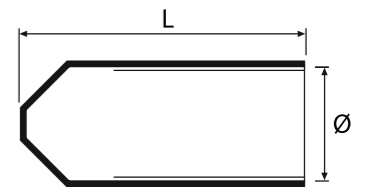
Ultimate elongation: 300% ASTM D-412 / ISO 37

Dielectric constant: <5 IEC 250

Volume resistivity: >1x10¹³Ohm.cm IEC 93

Dielectric strength: >10 kV/mm IEC 243

Type	Ø as supplied / after full recovery (mm)	Length before recovery (mm)
END CAP IXL105	20/6	63
END CAP IXL110	25/8.5	70
END CAP IXL120	40/14.5	102
END CAP IXL130	63/24	118
END CAP IXL135	75/32	133
END CAP IXL140	78/38	130
END CAP IXL145	106/45	164
END CAP IXL160	120/57	155
END CAP IXL170	145/57	155



as supplied



after full recovery

GT3

HEAT-SHRINKABLE MEDIUM WALL INSULATING TUBE

APPLICATION

GT3 is a medium wall co extruded tubing with adhesive.

Provides excellent adhesion to a variety of cable substrates, and various metals.

Ideal for LV joints and termination as core insulation, or as cable sheath replacement in LV and MV joints.

The adhesive layer ensures a water tight seal and eliminates moisture ingress.

The tube is UV and weather resistant.



TECHNICAL CHARACTERISTICS AND DESIGN

Material: Crosslinked polyolefin

Colour: Black

Continuous operating temperature: -40°C to +135°C

Minimum shrink temperature: 125°C

Density: 1,1 g/cm³±10% ASTM D-1505 / ISO R1183

Tensile strength: 20÷25 N/mm² ASTM D-412 / ISO 37

Ultimate elongation: 500%÷600% ASTM D-412 / ISO 37

Dielectric constant: <5 IEC 250

Volume resistivity: >1x10¹³Ohm.cm IEC 93

Dielectric strength: >15 kV/mm IEC 243

Water absorption: <0,2% DIN 53495 / ISO 92

Fungus and mildew resistance: GL0 ASTM G 21

Contents of carbon black: >2,5% ASTM 2671

Chemical resistance: (Treatment with 0,1NNa₂SO₄, H₂SO₄, NaOH, NaCl)



Type	Ø as supplied (mm)	Ø after full recovery (mm)	Tk wall thickness after full recovery (mm)	L (m)
GT3-30	≥ 34,0	≤ 10,0	≥ 2,5	1.5
GT3-40	≥ 44,0	≤ 12,0	≥ 2,5	1.5
GT3-50	≥ 55,5	≤ 16,0	≥ 2,5	1.5
GT3-70	≥ 82,0	≤ 22,0	≥ 2,8	1.5
GT3-95	≥ 93,5	≤ 29,0	≥ 3,1	1.5
GT3-120	≥ 127,0	≤ 34,0	≥ 3,1	1.5
GT3-140	≥ 149,5	≤ 42,0	≥ 3,5	1.5
GT3-160	≥ 169,5	≤ 50,0	≥ 3,5	1.5
GT3-180	≥ 191,5	≤ 60,0	≥ 3,5	1.5
GT3-200	≥ 207,0	≤ 70,0	≥ 3,5	1.5

- **GT3** tubing also available without adhesive. Please contact our sales offices. MOQ applies.

GT4

HEAT-SHRINKABLE HEAVY WALL INSULATING TUBE

APPLICATION

GT4 is a heavy wall co extruded tubing with adhesive. The tube sizes and recovered wall thicknesses are in full compliance with the DIN47640 specifications. UV and weather resistant, provides excellent abrasion and impact resistance for LV or MV joints.

TECHNICAL CHARACTERISTICS AND DESIGN

Material: Crosslinked polyolefin

Colour: Black

Continuous operating temperature: -40°C to +135°C

Minimum shrink temperature: 125°C

Density: 1,1 g/cm³±10% ASTM D-1505 / ISO R1183

Tensile strength: 20÷25 N/mm² ASTM D-412 / ISO 37

Ultimate elongation: 500%÷600% ASTM D-412 / ISO 37

Dielectric constant: <5 IEC 250

Volume resistivity: >1x10¹³Ohm.cm IEC 93

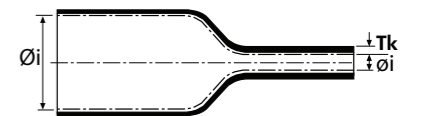
Dielectric strength: >15 kV/mm IEC 243

Water absorption: <0,2% DIN 53495 / ISO 92

Fungus and mildew resistance: GL0 ASTM G 21

Contents of carbon black: >2,5% ASTM 2671

Chemical resistance: (Treatment with 0,1NNa₂SO₄, H₂SO₄, NaOH, NaCl)



Type	Ø as supplied (mm)	Ø after full recovery (mm)	Tk wall thickness after full recovery (mm)	L (m)
GT4-15	≥ 16,0	≤ 4,0	≥ 2,4	1.5
GT4-20	≥ 22,5	≤ 5,0	≥ 2,8	1.5
GT4-30	≥ 33,0	≤ 7,0	≥ 4,0	1.5
GT4-40	≥ 45,0	≤ 12,0	≥ 4,5	1.5
GT4-50	≥ 55	≤ 16,0	≥ 4,5	1.5
GT4-70	≥ 70,0	≤ 20,0	≥ 4,5	1.5
GT4-90	≥ 92,5	≤ 22,0	≥ 4,5	1.5
GT4-120	≥ 130	≤ 30,0	≥ 4,5	1.5
GT4-140	≥ 149,0	≤ 42,0	≥ 4,5	1.5
GT4-160	≥ 160,0	≤ 48,0	≥ 4,5	1.5
GT4-180	≥ 177,5	≤ 48,0	≥ 4,5	1.5
GT4-200	≥ 200,0	≤ 48,0	≥ 4,5	1.5

- **GT4** tubing also available without adhesive. Please contact our sales offices. MOQ applies.



- PROOF AGAINST WATER PENETRATION AND CHEMICALS AGGRESSION
- STABILIZED UV PROTECTION
- HALOGEN FREE MATERIAL CONTENT *(JOINTS ONLY)
- COMPLIANT TO REACH REGULATIONS
- PREMIUM TECHNICAL SUPPORT
- MADE IN EU
- QUICK AND EASY TO INSTALL, SHORT AND SLIM DESIGN
- EXCELLENT INSULATING PROPERTIES
- ADVANCED SCREEN CONNECTION AND ARMOUR CONTINUITY
- HEAVY WALL TUBING FOR HIGH MECHANICAL STRENGTH AND IMPACT RESISTANCE

Nexans brings energy to life.

For many years we have been producing single, double and triple layer heat-shrink tubing with excellent materials and state of the art manufacturing.

This enables us to combine a comprehensive range of technically mature and high-quality power cable accessories in accordance with International and Australian standards.

Our products are competitive due to quality, performance and technical advancements.

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