

Uniformed range • Seamless installation • Eco-design

Nexans Cold Shrink Joint **EASY TECH**

**Reliable Joints.
Reliable Grids.**

Nexans Cold Shrink Joint EASY TECH unites simplicity, certified skills, and AI-powered intelligence to secure resilient grids for tomorrow

 Nexans

The electrical challenges of today's grid

The future will be electric. The present already is. As electrification gathers paces, network operators are undertaking large-scale projects to extend and modernize the grids. These projects require **reliable and easy to install** power accessories.

Today, 85% of the equipment failures on underground medium voltage grids observed on cables systems and 45% of the underground network incidents are due to cable joints.

As one of the leading manufacturer and distributor in this field since more than 60 years, **Nexans** is supplying a full range of power accessories to

our global customers in about 100 countries. To ease and fasten cable jointing, Nexans has developed an all-in-one cold shrink joint.

The new **Nexans Cold Shrink Joint EASY TECH** accelerates & secures network development. Its fast and simple installation increases your competitiveness and the reliability of your installation.

We connect all types of cables, for high- and medium-voltage installations, and all types of conductors with any cross-section. We provide underground cable junctions, and

connect cables to various types of equipment, including transformers and switchgear. Our products are used on both onshore and offshore networks, on wind and solar farms, or in data centers for example.

Nexans is committed to delivering innovative solutions and top-notch products in the field of electrical connections and accessories.

Together, we have the power to electrify the future!

Secure your electrical network with NEXANS EASY TECH

The NEXANS EASY single core straight Joint family is designed for the connection of 1-core-polymeric cables with nominal voltage up to 36kV (Um) with a copper wire screen or extruded conductive screen, upon version.

Enhanced reliability

- o Enhanced ergonomics for installation with some built-in positioning system
- o Robust construction with extruded EPDM body & proven field control mastic

Easy to install

- o All functions integrated in one pre-fabricated cold shrink device
- o Simplified the installation steps
- o No grease needed
- o Standardized design for a broad range coverage

Eco-design

- o Integration of >30% recycled aluminium in mechanical contact
- o Eco design packaging with reduced subpackaging and 80% recycled content and recyclability

100%

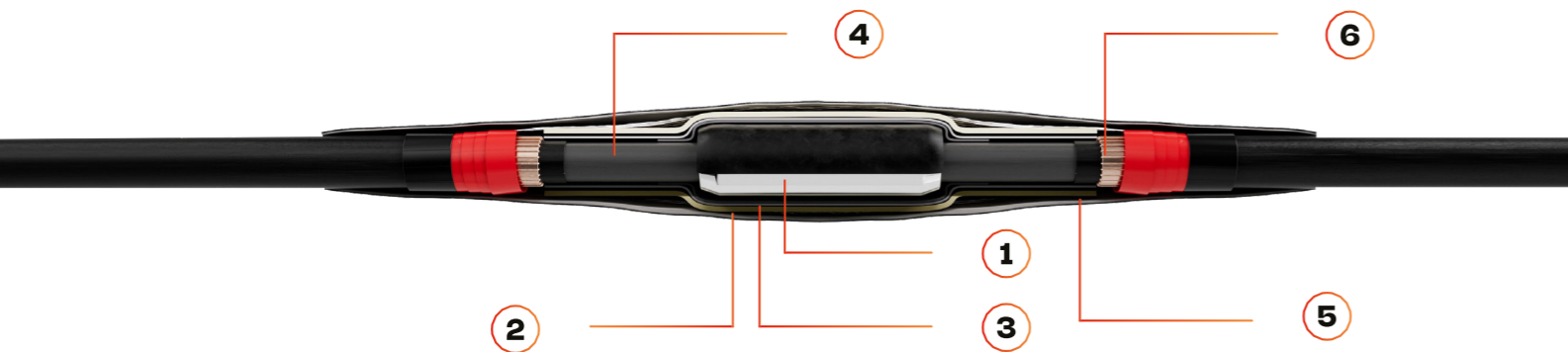
Manufactured in Europe

30%

Minimum recycled aluminium content



All-in-one joint Nexans **EASY TECH** construction integrating all core electrical function in one



1 **GPH® connector:**
GPH® mechanical connection technology provides the **highest contact quality** for a maximum lifetime of the application. The design is tested. The GPH® connectors are **simple to install** to provide the **best performance**: with only one tool, our shear bolt connectors can be installed with an approved impact wrench or alternatively by hand.

2 **Cold shrink all-in-one body including:**

3 **Field control:**
Nexans has been designing and producing EPDM joint bodies for more than 35 years who ensures more than 40 years of usage, even in harsh environments. 100% Nexans made field control mastics enable an easy installation. **No grease** is needed. The Brand New EASY TECH has a **high tolerance** while installing in terms of positioning. Easy Joints Technology transforms complex jointing into a simplified process, reducing risk while saving installation time.

4 **Copper stocking:**
Ensure the **most effective contact** for the continuity of the cable screen thanks to the **permanent pressure** of the outer sheath adapting perfectly to the expansions of the cable.

5 **Outer sheet:**
A double layer EPDM body. It prevents a joint from humidity, mechanical aggressions and UV. Nexans EPDM provides a **high level of mechanical and chemical resistance**, complemented by **strong electrical performance** and constant pressure on the cable during the entire life of the product. Nexans joint bodies have always been recognized as superior, **long-life** products.

6 **Watertightness:**
Watertight mastics conceived and manufactured by Nexans.

The next-gen technology cold shrink joint system

Decades of trusted cold shrink expertise, simplified into one all-in-one joint with fewer components, eco-designed packaging, and smarter installation.

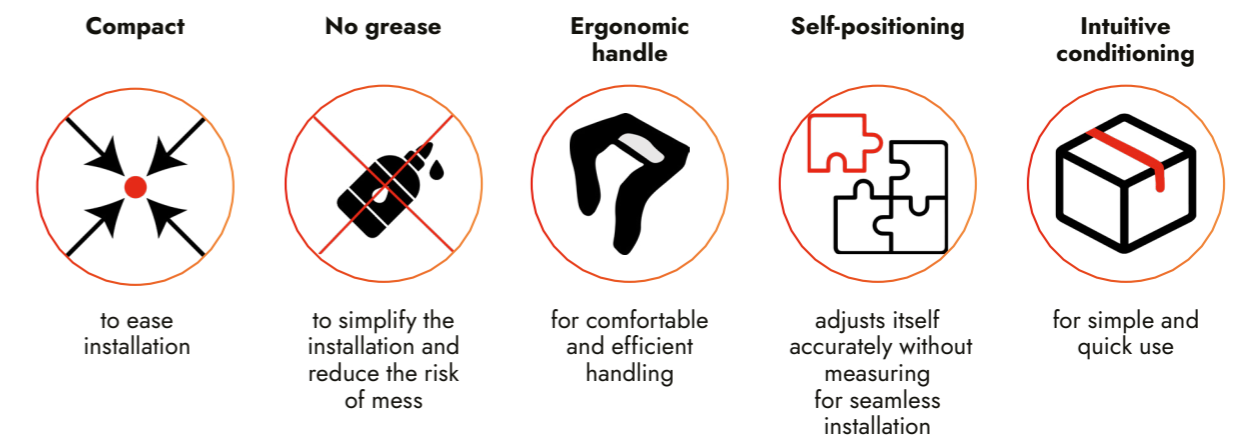


Kit content

The **EASY TECH Range Kit** is provided with all the following elements.



Connect with confidence with **NEXANS EASY TECH:** Reliable Joints. Reliable Grids.



EASY TECH: Reducing Installation Error and grid failure

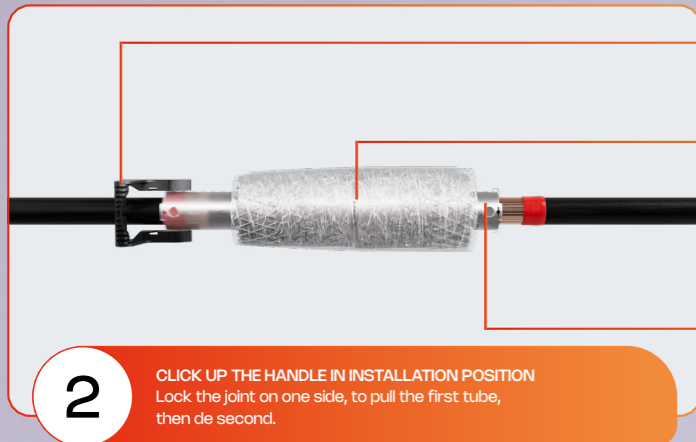
– where we make the difference



Simple cap to protect the contact

1

BOLT THE CONTACT
and install the protection cap.



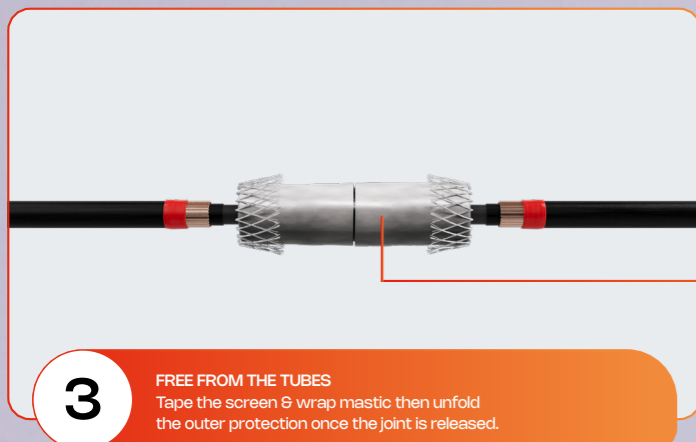
Ergonomic handles

No grease

No measurement: the junction in stop position to be sure of the right positioning

2

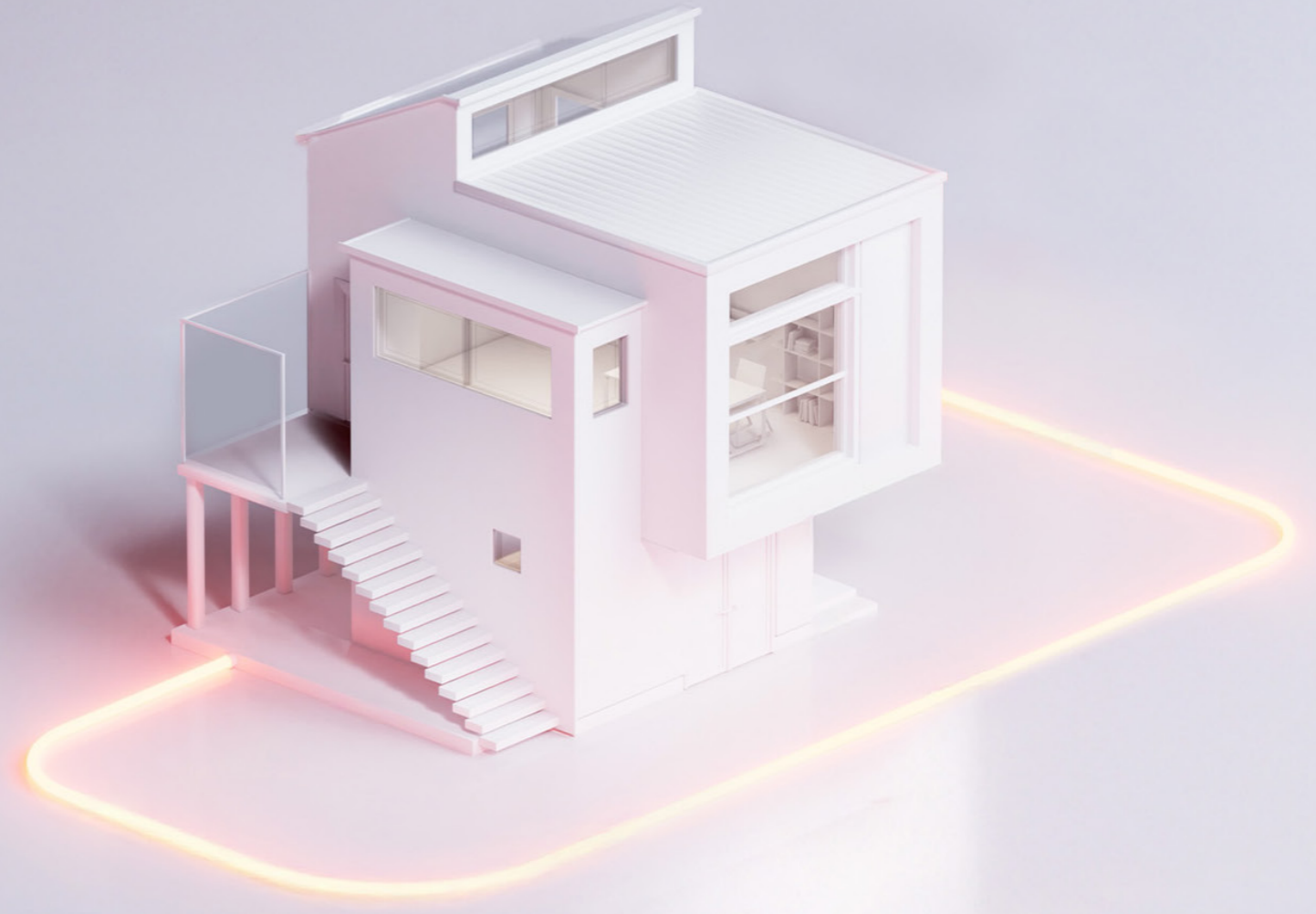
CLICK UP THE HANDLE IN INSTALLATION POSITION
Lock the joint on one side, to pull the first tube, then the second.



2-parts tube to simplify pulling

3

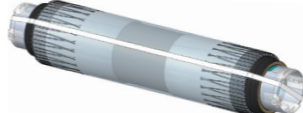
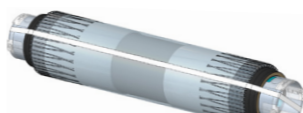

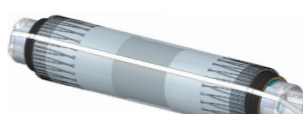
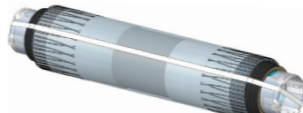

FREE FROM THE TUBES
Tape the screen & wrap mastic then unfold the outer protection once the joint is released.



Nexans easy portfolio

The product has been designed to have a consistent range with a limited number of body version covering a wide range of application. With a limited number of kit together with wide range taking GPH contact you can get make sure you have the right kit at hand to connect your cables. The common design helps making training simpler with Nexans Cold Shrink Joint **EASY TECH** installation learnings applicable to a wide range of applications.



U0/U(Um) (kV)	12,7/20(24)	18/30(36)			
Suitable for conductor type	Al / Cu		Conductor section (mm ²)	Screen type	Options
Suitable for isolation type	Synthetic - polymer				
Max metal screen section (mm ²)	35				
EASY TECH body	DOI	DOE			
 24 CSJ-S2  36 CSJ-S2	16 - 40	48	35 - 300*	 CW / CT Copper Wire Copper Tape	CJ Conductive Jacket WS Water Sealing
 24 CSJ-S3  36 CSJ-S3	28 - 50	56	185 - 630*	or  AT Aluminium Tape	RS Roll Spring Screen output Graphite

*Depending on the GPH contact selected

Bring expertise through certification and ensure every installer masters best practices



Nexans is committed to maintaining the highest standards of quality and performance for its cables and accessories in order to guarantee its customers the longest possible network lifespan.

To minimise the risk of human error during the installation of any accessory, it is important that our customers have qualified technicians working on their network.



Nexans training courses are held in France at our sites in **Donchery**, **Mérynac** and **Rognac**.

Nexans offers both theoretical and practical training sessions for the installation of accessories on Low and Medium Voltage cables. These programs are available in selected countries, including France, the UK, Belgium, Denmark, Sweden, Norway, the Netherlands, Australia, and South Africa. Training can be delivered at Nexans training centres, directly at the customer's facilities, or on-site when required. The courses cover both live-line (overvoltage) and de-energized (under-voltage) work, with certification provided as the final step of each program.

Nexans is also involved in the energy transition network schools initiative led by the electrical network sector.



2470

People trained in 2023 to reducing error risk

97%

Customer satisfaction

58%

Risk reduction(*)

(*)Reduction in faults by % that occurred on the network average of the DNO after technicians had fully completed the required training courses



Together, let's build a **safe and sustainable** electricity grid.

ABOUT Nexans

Nexans is the global pure player in sustainable electrification, building the essential systems that power the world's transition to a connected, resilient, and low-carbon future. From offshore and onshore renewable energies to smart cities and homes, Nexans designs and delivers advanced cable solutions, accessories and services that electrify progress safely, efficiently, and sustainably.

With over 140 years of history, through three core businesses: PWR Transmission, PWR Grid, and PWR Connect, Nexans blends deep industry expertise with cutting-edge innovation to accelerate the energy transition, and better meet its customers' needs. Its unique E3 model, focused on Environment, Economy and Engagement, drives every action, aligning performance with purpose.

Nexans operates in 41 countries with 28,500 people and generated €7.1 billion in standard sales in 2024. As recognized climate action leader, Nexans is committed to Net-Zero emissions by 2050 aligned with the Science Based Targets initiative (SBTi) and expanding energy access through the Fondation Nexans.

Nexans is listed on Euronext Paris, Compartment A.
www.nexans.com | [#ElectrifyTheFuture](https://twitter.com/ElectrifyTheFuture)

NEXANS

4, allée de l'Arche
92070 Paris La Défense Cedex
France
Contactez-nous:
adv.cablesenergie@nexans.com

The Nexans logo features a stylized red 'N' followed by the word 'nexans' in a black, lowercase, sans-serif font.