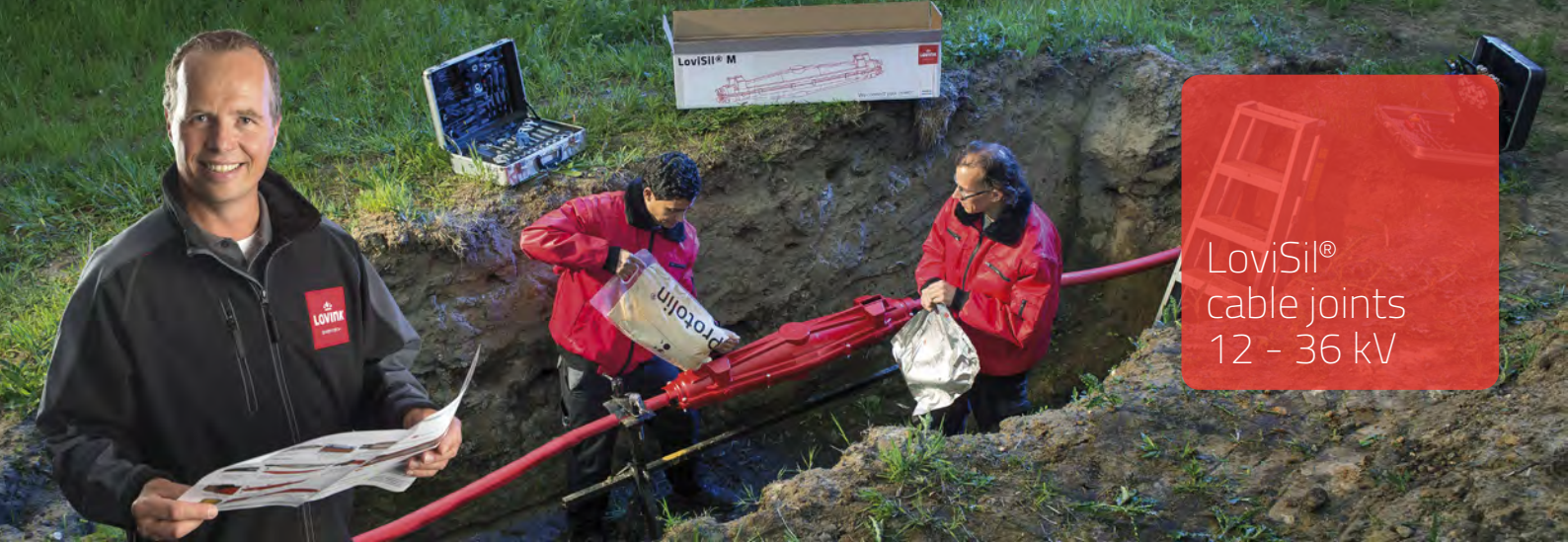


We connect your power

  
LOVINK  
ENERTECH



**LoviSil<sup>®</sup>**  
medium voltage joints



LoviSil®  
cable joints  
12 - 36 kV

LoviSil® medium voltage cable joints have been developed featuring fluid silicones that can boast 30 years proven field experience with an extremely low failure rate. Thanks to the construction and characteristics of the silicone based insulation material, LoviSil® joints are particularly suitable for applications with both polymeric and paper-insulated cables.

**Reliable power supply**

The key component within LoviSil® joints is fluid silicone, used to provide primary insulation, search out and fill any potentially damaging voids and provide the ideal environment for components. When used on PILC cable, fluid silicone has the same characteristics as cable grease, preventing papers from drying out. When used on polymeric cable, the electrical characteristics of fluid silicone ensures that core installed components and related tasks are kept to an absolute minimum.

The excellent mechanical protection of the joint is guaranteed by combining polyurethane resin and high specification injection moulded outer shells. This provides:

- Long-term moisture resistance
- Full insulation of the joint screen allowing sheath test.

**Cost savings**

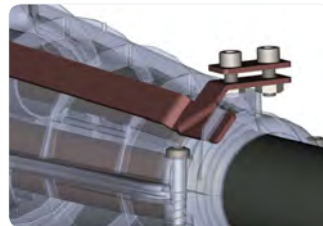
In cases where investment decisions are based on TCO (Total Cost of Ownership), LoviSil® joints score very highly. Thanks to the quality and reliability of LoviSil® technology, the TCO is low.

In addition, Lovink's flexible modular system offers logistical benefits, reducing the stock holding necessary to cater for all cable types.

**Easy installation**

LoviSil® jointing system provides an intuitive installation sequence. Components are easily identified and installed in logical order. Clever design of components and a transparent inner joint contribute to an easier installation.

Soldering or shrinking of components is not necessary, requiring fewer tools. Besides flame free installation is often a requirement in the petrochem and mining industry. All this makes the installation comfortable, reliable and quick.



Premounted parts



Visually control & filling indication



Perfect insulant for all components within the joint

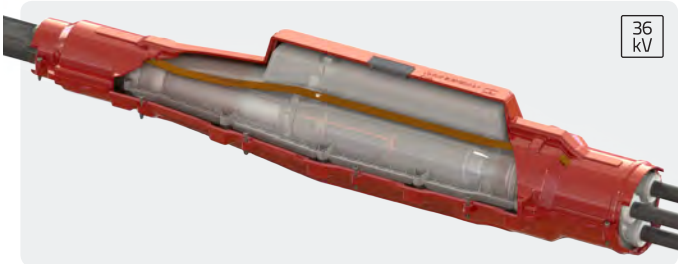
In contact with water or humid air, an insulating rubber is formed.

Minimizes partial discharges

Under fault conditions, no carbon traces are produced

## LoviSil® program

### Transition- and straight through joints



LoviSil® transition and straight through joints are universally applicable for paper- and polymeric- insulated cables.

- Universal cable joint
- All cable types

### Oil refill joints



LoviSil® oil refill joints are ideal for providing a transition from existing PILC networks to polymeric cables required for connection to new switchgear.

- No aging of PILC cables
- Extending life span of cable networks

### Cross-bonding joints



LoviSil® cross- bonding joints offer an underground solution for the reduction of cable losses caused by circulating currents.

- Reduced power losses in earth screens
- Cost savings

### Branch joints



LoviSil® branch joints will accommodate all cable configurations together in one joint.

- No external transition joints needed
- Less excavation time

### Loop joint



A standard LoviSil® branch joint can be used as a loop joint. Where this application is used, the cable does not need to be looped outside the joint. They can both be installed at the branch side.

- Sustainable solution
- Saving cable length
- Less excavation time

### Feed-in joints



LoviSil® feed-in joints can be used for connecting energy from new sustainable sources to existing networks without the use of expensive switchgear.

- Saving substation
- Less excavation time
- Saving cable length

### Successfully tested

LoviSil® cable joints meet the highest quality standards in the field of electrical and mechanical loads. The cable joints have been tested in accordance with HD 629 (CENELEC). Moreover, the test was executed at a 2 bar water pressure.



Lovink Enertech is synonymous with intelligent, innovative and cost-effective solutions, which we design, engineer and test from start to finish. We do this for the worldwide energy sector, the industrial sector and the sustainable energy market.

### Customer-specific solutions

Your situation, preferences and objectives form the foundation for solutions and support we offer. Our engineers focus a lot of their time designing customer-specific Solutions.

The Engineering and Development department consists of experienced specialists in the fields of electrical engineering, chemical technology and mechanical engineering. Cooperation between these disciplines leads to intelligent, reliable and user friendly products.

### Education and training

We feel it is our duty to do more than just supply reliable products. In the end, the reliability of our solutions will be determined by the knowledge and skills of your jointers.

We offer a wide range of training programs, varying from 'simple' assembly guidance to complete theoretical and practical training. Lovink Enertech has a well equipped Training & Demo Center, but it is also possible to organize on site instruction.

2017-0 - Technical modifications subject to change.



*Energy sector*



*Industrial sector*



*Sustainable energy sector*



**Lovink Enertech B.V.**

Lovinkweg 3  
P.O. Box 111  
7060 AC Terborg, The Netherlands  
T +31 (0)315 33 56 00  
I [www.lovink-enertech.com](http://www.lovink-enertech.com)  
E [info.le@lovink.com](mailto:info.le@lovink.com)

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