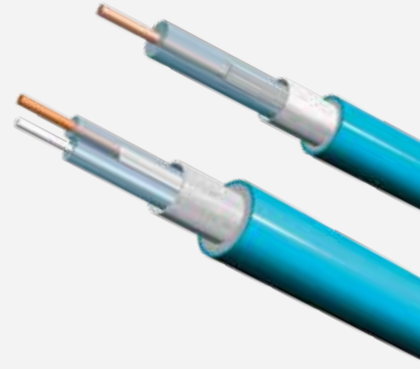


N-HEAT® COLLECTION

TXLP Heating Cables





Since 1926 we have produced underfloor heating for habitants in one of the world's coldest countries

The Nexans heating cable is a Norwegian invention and product. We have been producing heating cables since 1926. Over the years we have continued developing our products to meet the changing demands of the market.

One example is our unique hidden splice, which provides a seamless integration between the hot and cold part of the TXLP cable. Another is our secure end seal which protects against moisture entering the cable.

Nexans heating cables meet the highest quality standards and are certified by local electrical appliance organizations in all major markets. Our series resistant heating cables come with a 20 year warranty provided that they are installed correctly according to the manufacturer's installation instructions.

Solutions for all room types

Nexans underfloor heating is ideal in most types of rooms, for example; bathrooms, toilets, hallways, living rooms, kitchens and rooms where children play.

High comfort

The floor is a large area with a low surface temperature. Producing heat under the floor however will ensure radiant heat from the floor and a favourable heat distribution throughout the room. The result is a comfortable temperature, which is easy to control room by room.

Energy savings

When you compare wall mounted heating with underfloor heating, it is proven that you can lower the temperature by 2-3°C, yet achieve the same comfort level. This results in a potential 5-10% reduction of energy consumption.

Health benefits

Underfloor heating is a perfect solution for those who suffer from dust allergies and asthma, as no dust accumulation occurs as with wall mounted appliances.

Economical and easy installation

Nexans heating cables are installation friendly due to their technical product features. They are also economical as they incur no yearly maintenance cost; further energy savings are obtained by using individual thermostats to control the temperature.

Clean and safe

An electrical underfloor heating system is safe and maintenance free. No sound is emitted when you use it and there are no detachable parts. The fact that the products are installed within the floor also ensures a high degree of fire- and electrical safety.

TXLP/1 and TXLP/2R heating cable units

TXLP/1 and TXLP/2R heating cable units are ideal for direct floor warming in concrete floor constructions. Each unit has a factory made integrated splice, which is marked on the cable surface. They have a linear load of 10 or 17W/m (3 or 5.2 W/ft) at 230 VAC.

We normally recommend laying the heating cable units in a 30-50 mm thick screed/concrete layer, which can later be decorated using tiles, parquet flooring, laminated wood, wall-to-wall carpets or other floor coverings.

The heating cable units can also be installed directly in suspended wooden floors.

Thermostat control

A thermostat will automatically maintain the desired temperature in a room by turning the heating on and off as required. An electronic thermostat including floor sensor will secure a

TXLP/1
Single conductor
heating cable unit



TXLP/2R
Twin conductor
heating cable unit



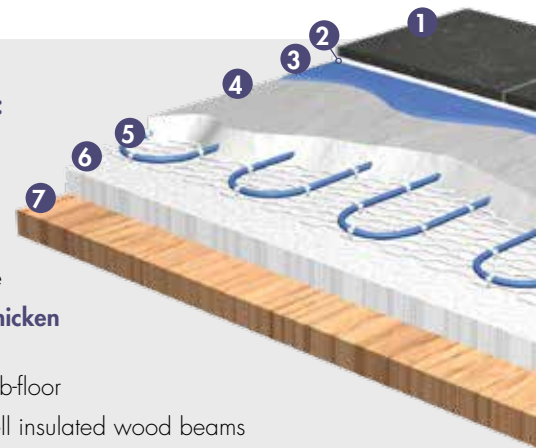
comfortable temperature in floors, for example in a bathroom or entrance hall. It might also be used to ensure dry and non-slippery floors in entrances, washing rooms, shops or other public areas.

For our full Nexans product range of heating cable systems and technical details, please visit our heating cable website www.nexans.com/nheat.



Floor constructions:

1. Ceramic tiles
2. Tile adhesive
3. Membrane
4. 40-60 mm concrete
5. TXLP attached to chicken mesh wire
6. Non-combustible sub-floor
7. Lower floor over well insulated wood beams



An optimal installation for bathroom floors, where both the positioning of the cables and the floor construction are taken into consideration, is shown.

The screed/concrete should be laid so that the floor slopes downwards towards the drain. This ensures that all water falling on the floor drains away. In a bathroom it is very important that the screed/concrete layer is uniform and non-porous.

Hidden splice

The hidden splice is as thin and robust as the cable itself, and simplifies the installation as it is not necessary to modify the subfloor when placing the splice.





Nexans – the inventor of heating cables

When choosing the N-HEAT® electrical heating solutions you choose undisputable quality, a century of experience and the reliability of an industry leader.

The Kremlin, the Sivas stadium in Turkey, the Bird's Nest and other Olympic sites in China all have one thing in common with thousands of office buildings and private homes; electrical heating solutions from Nexans. In fact, the heating cable was invented by Nexans in Norway in 1926. Since then, we have produced and marketed high quality heating cables in every corner of the world. For the past 100 years we have focused on the continuous development of heating solutions, constantly exceeding the demands of the market.

Today, our leading heating concept, N-HEAT®, is the obvious choice for maximum comfort and reliability. The high quality heating solutions are easy to install, durable and energy saving, keeping people safe and healthy.

The Langhus factory, located 20 km south of Oslo, is a competence centre for Nexans Heating Cables. The factory was established in 1992 and produces cables for the home market in Norway, as well as to more than 30 export markets. The factory also serves as a logistics centre for all Nexans units in Norway.

More information on www.nexans.com/nheat.



Nexans Norway AS

is a leading supplier of power, telecommunications, installations and heating cables in Norway, and is among the world's leading manufacturers of offshore control cables and high-voltage submarine cable solutions. The company's head office is in Oslo, and it has manufacturing plants at Rognan, Langhus and Halden. The company has nearly 1,600 employees and is a part of the Nexans Group which has an industrial presence in 34 countries and commercial activities worldwide. Nexans employs more than 26,000 people and is listed on the Paris stock exchange.

Nexans Norway AS

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