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OUTDOOR APPLICATIONS – Nexans Heating Cables

 Nexans



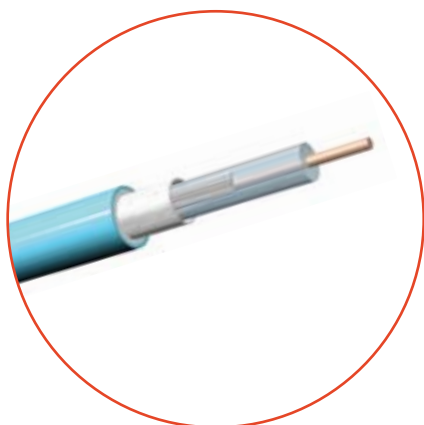
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## OUTDOOR APPLICATIONS

Nexans Heating Cables

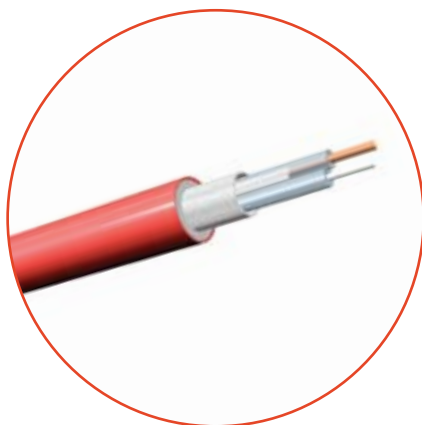
# Nexans outdoor solutions

**Nexans heating cables are suitable for a variety of external applications; various ice and snow melting installations, frost protection of gutters and roof drains, and soil heating.**



## **TXLP – Single conductor heating cable on drum**

The TXLP heating cable is ideal for several outdoor applications such as snow melting installations, frost protection of pipes, roof gutters and drains, and soil heating for example of soccer fields and nurseries.



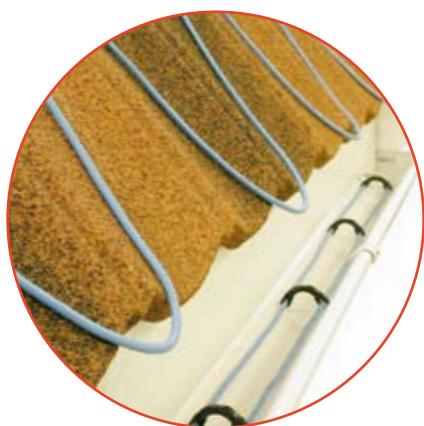
## **DEFROST SNOW™ – Twin conductor heating cable for snow and ice melting**

Ready made twin conductor heating cable units for snow and ice melting applications such as driveways, courts, stairs etc. The units can be installed directly in hot asphalt (160°C / 320°F), or covered with concrete or flagstone and sand. The heating cable is equipped with a 10 m cold lead and integrated splice.



## **SNOWMAT™ – Twin conductor heating cable mat for external applications**

The heating cable mat is ideal for quick installation of snow and ice melting solutions in outdoor areas such as driveways, courts etc. It can be installed in hot asphalt, concrete, flagstone and sand. Two mat widths, 40 cm for wheel tracks and small areas, and 80 cm for large areas are available.



For our full Nexans product range of heating cable systems and technical details, please visit our heating cable website [www.nexans.com/heating](http://www.nexans.com/heating)

**TXLP – Single conductor heating cable on drum**

TYPE	Linear resistance	Outer diameter	Weight per 100 m	Weight per 100 yds.	Nexans code no.
	( /m)	(mm)	(kg)	(lb)	
<b>TXLP/ 12.7</b> /m	12.70	6.0	4.6	11.1	10022258
<b>TXLP/ 7.7</b> /m	7.70	6.0	4.6	11.1	10022257
<b>TXLP/ 5.35</b> /m	5.35	6.0	4.6	11.1	10022259
<b>TXLP/ 3.5</b> /m	3.50	6.1	4.9	11.8	10022256
<b>TXLP/ 2.5</b> /m	2.50	6.1	5.1	12.3	10022255
<b>TXLP/ 1.4</b> /m	1.40	6.1	5.0	12.0	10022254
<b>TXLP/ 1.0</b> /m	1.00	6.3	5.2	12.5	10022252
<b>TXLP/ 0.7</b> /m	0.70	6.3	5.1	12.3	10022249
<b>TXLP/ 0.49</b> /m	0.49	6.3	5.3	12.8	10022247
<b>TXLP/ 0.3</b> /m	0.30	6.3	5.3	12.8	10022246
<b>TXLP/ 0.2</b> /m	0.20	6.3	5.3	12.8	10022245
<b>TXLP/ 0.13</b> /m	0.13	6.5	5.6	12.5	10022253
<b>TXLP/ 0.09</b> /m	0.09	6.3	5.3	12.8	10022251
<b>TXLP/ 0.05</b> /m	0.05	6.5	5.8	13.9	10022250

**SNOWMAT™ – Twin conductor heating cable mat**

Output	Mat width	Mat length	Mat area	Nominal element resistance	Nexans
(W)	(m)	(m)	(m <sup>2</sup> )	( $\Omega$ )	
1100	0.4	9.0	3.6	48.1	10035242
1500	0.4	12.0	4.8	35.3	10035243
1800	0.4	14.5	5.8	29.4	10035244
2150	0.4	17.2	6.9	24.6	10035245
2600	0.4	11.0	8.8	20.3	10035246
3300	0.4	13.9	11.1	16.0	10035249

**DEFROST SNOW™ – Twin conductor heating cable for snow and ice melting**

Output	Element length	Nominal element resistance	Outer diameter	Weight code no.	Nexans
(W)	(m)	( $\Omega$ )	(mm)	(kg)	
640	22.9	82.7	7.5	2.3	10092292
890	31.9	59.4	7.5	2.8	10092293
1270	45.4	41.7	7.5	3.7	10092324
1900	68.1	27.8	7.5	5.2	10092325
2700	96.4	19.6	7.5	7.0	10082427
3400	120.0	15.6	7.5	8.4	10070744

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

**Nexans heating cables are 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 marketplace, both for underfloor heating in buildings and for outdoor applications.**

One example of the development is our unique hidden splice, which provides a seamless integration between the hot and cold part of our 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 heating cables come with a 10 year warranty given that they are installed correctly according to the manufacturer's installation instructions.

cables for any industry; from energy networks and telecommunications to railway projects, the oil and gas industry etc.

### **Outdoor applications**

Heating cables installed in the ground ensure that your driveway, stairs or entrance area can be kept free of snow and ice throughout the winter. You also avoid the risk of injury to yourself and others by falling on snow and ice in front of your own home. Nexans produces heating cables that can be installed directly in hot asphalt or concrete, or under stone blocks or slabs.

You can choose whether to install heating cables in large areas or only where you need them most, for example in driveways, fire escapes or steps in your entrance area.

Snow-melting heating cables are easy to regulate using modern thermostats specifically designed for this purpose. These thermostats ensure that the cables are switched off when it is dry on the ground or the temperature is above or below the pre-set temperature limits.



Hidden splice

### **Nexans – global expert in cables and cabling systems**

Nexans is the worldwide leader in the cable industry, with industrial presence in more than 30 countries and commercial activities throughout the world. Nexans employs 21.000 people and had sales in 2006 of euros 7.5 billion. Nexans' know-how and innovation skills are used for developing increasingly competitive

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Visit Nexans Website for heating cables!

[www.nexans.com/heating](http://www.nexans.com/heating)

Global expert in cables and cabling system

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