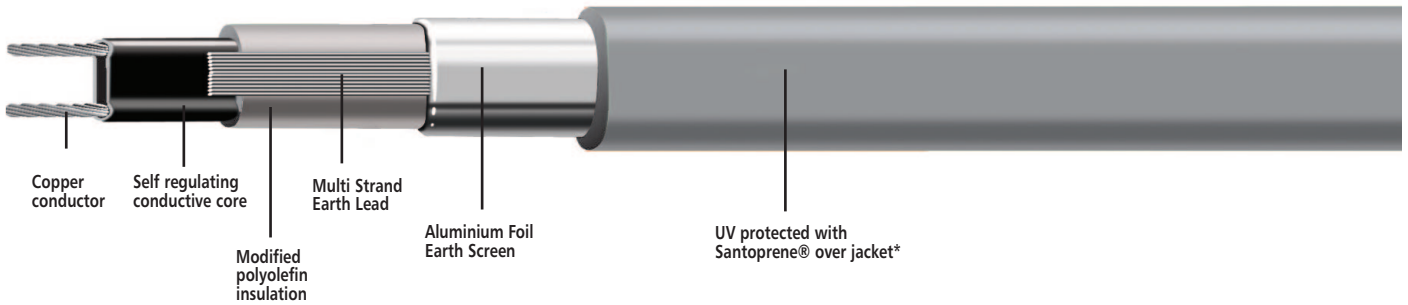


XEL

Self regulating Heating Cable



Electrical trace-heating for frost protection.

Water lines and process pipework can become a real problem when temperatures drop below freezing. It's only when the thaw comes that you realise the damage a split or cracked water pipe can cause.

The XEL family of self-regulating, parallel circuit heating cables is used for frost protection of metal and plastic pipes and vessels. With the facility to cut on site to the required length, XEL heating cables provide a reliable heating solution to the problem of frozen pipework.

It can also be used for low temperature process maintenance up to 30 degrees°C., Maximum exposure temperature 80°C.

Will not withstand steam cleaning process.

For safe or hazardous area applications.

Applications

FROST PROTECTION

- Pipes and vessels

TEMPERATURE MAINTENANCE

- Process pipework up to 30°C

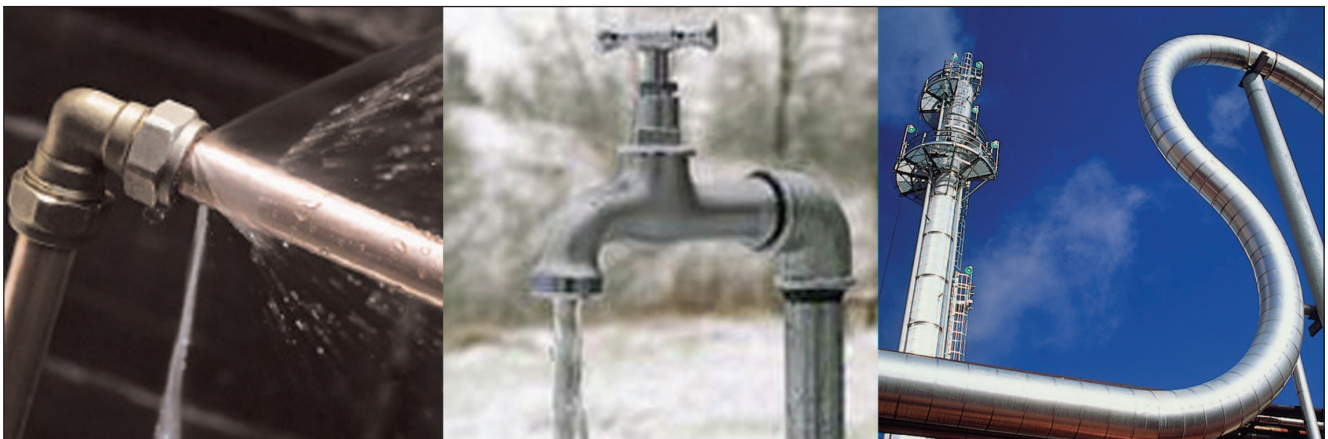
*Santoprene® is a registered trademark of Advanced Elastomer Systeme

Specifications

Maximum Exposure Temperature	80°C (de-energized)
Maximum Exposure Temperature	65°C (Continuous power on)
Minimum Installation Temperature	-20°C
Minimum Bending Radius	27mm
Supply Voltage	230 Vac - 110Vac
Ex	Approved for use in Hazardous Areas

Applications

Traced Surface Type	Carbon Steel, Stainless Steel, Plastic and Copper. Cross Insulated Heating Jackets
Chemical Resistance	For specific chemical resistance consult Cross.



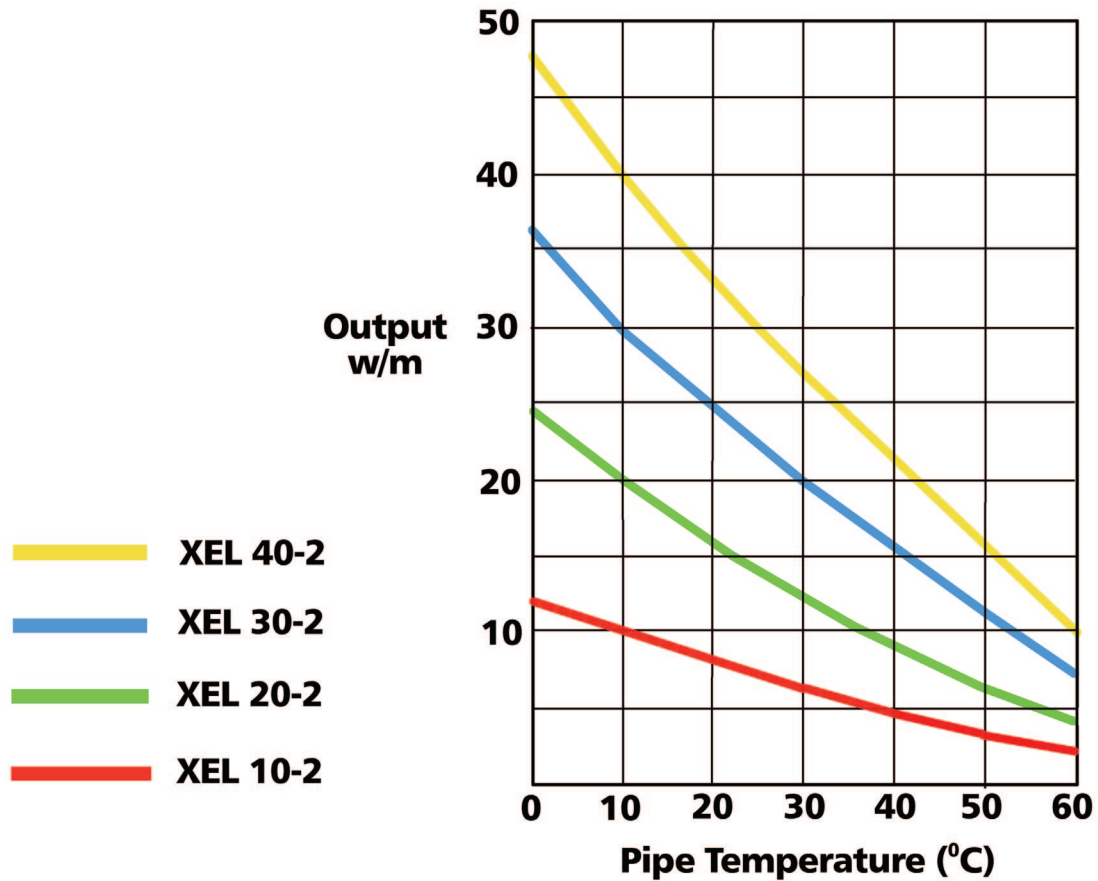
CROSS ELECTRICAL (NOTTINGHAM) LTD
 Trace Works, Debdale Lane, Keyworth, Nottingham, NG12 5HN
 Tel: +44 (0)115 937 5121 Fax: +44 (0)115 937 5116
 E-mail: heat@cross-electrical.co.uk Website: www.cross-electrical.co.uk



Output Characteristics

Power Output rating (Watts/Metre) at 230Vac on Thermally Insulated Metal Pipes

Power Output Rating at 230V



	XEL10	XEL20	XEL30	XEL40
Power Output (w/m at 10°C)	10	20	30	40
Cable Thickness(mm)	4.9	4.9	5.3	5.3
Cable Width (mm)	13.0	13.0	15.6	15.6
Maximum Heating Cable Length per circuit (metres)	200	155	120	100
Start-Up Temperature: (at 10°C)				
Electrical Protection Rating: (Circuit Breaker Type D)	16A	25A	32A	32A

The above are for circuit lengths estimation only. For more detailed information please contact Cross Electrical. The use of a 30mA residual current device to provide maximum safety is recommended.



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