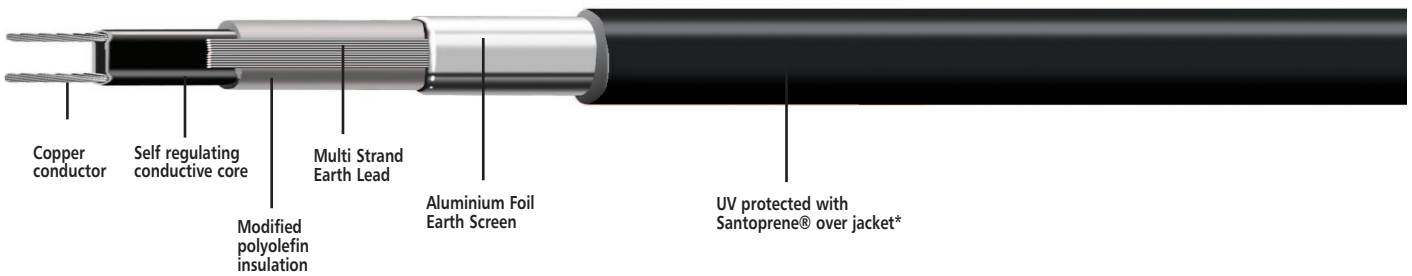


# XELM

## Micro 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 XELM 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, XELM Micro heating cables are easy to install and specifically designed for small bore 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

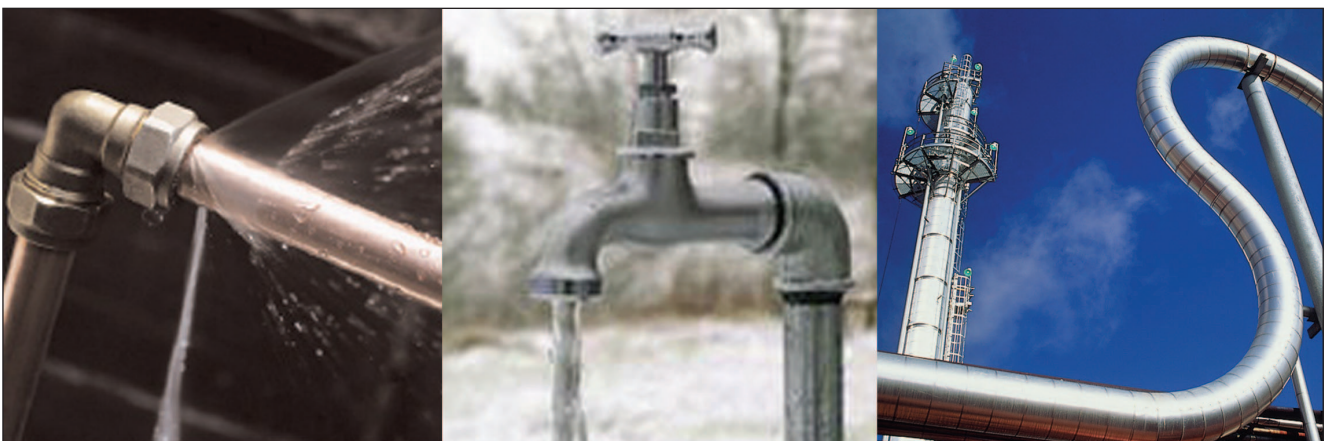
\*Santoprene® is a registered trademark of Advanced Elastomer Systeme

### Specifications

Maximum Exposure Temperature	80°C (de-energized)
Maximum Exposure Temperature	65°C (Continuous power on)
Minimum Installation Temperature	-20°C
Minimum Bending Radius	25mm
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.



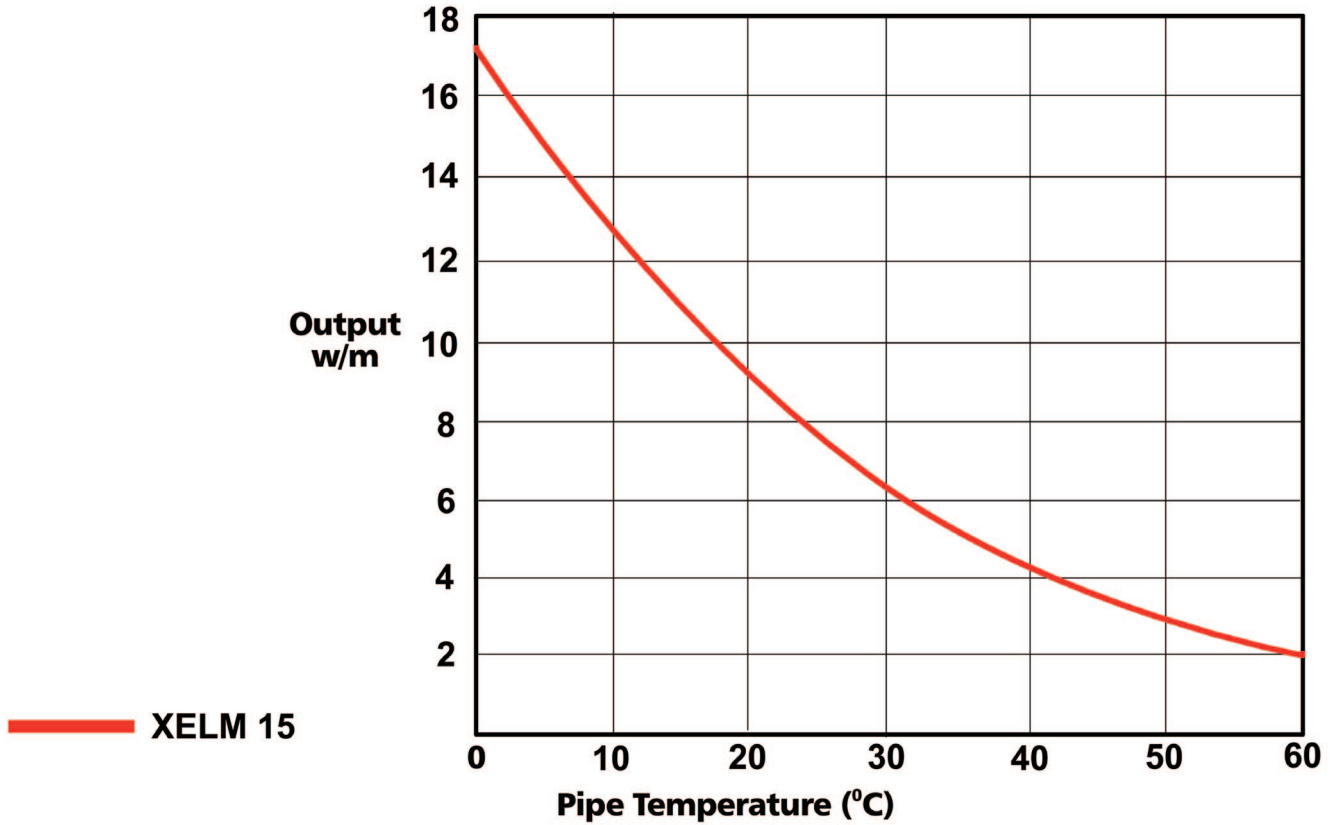
**CROSS ELECTRICAL (NOTTINGHAM) LTD**  
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 E-mail: [heat@cross-electrical.co.uk](mailto:heat@cross-electrical.co.uk) Website: [www.cross-electrical.co.uk](http://www.cross-electrical.co.uk)



## Output Characteristics

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

**Power Output Rating at 230V**



	<b>XELM15</b>
Power Output (w/m at 10°C)	15
Cable Thickness(mm)	5.1
Cable Width (mm)	7.3
Maximum Heating Cable Length per circuit (metres)	100
Start-Up Temperature: (at 10°C)	
Electrical Protection Rating: (Circuit Breaker Type D)	16A

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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