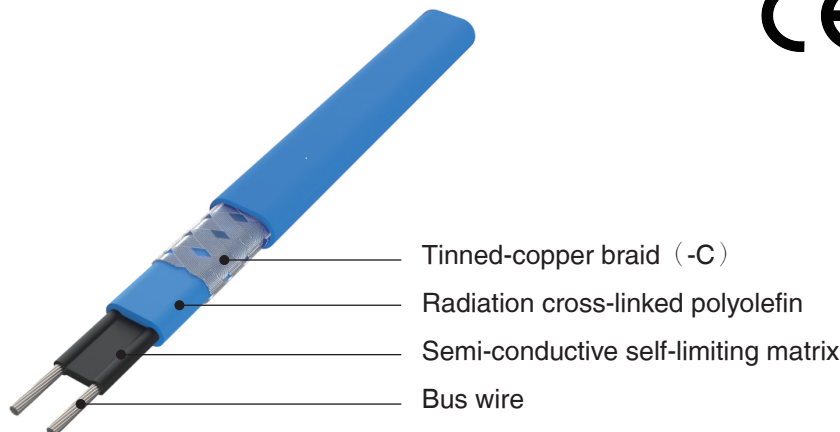


Low Temp. Self-regulating heating cables

Description

LEP heating cable is designed for freeze prevention and roof de-icing in various industrial applications, particularly in low-temperature environments. The heating cables can be applied in hazardous or no-hazardous areas. The power output adjusts based on ambient temperature, ensuring no overheating occurs. The CT version of this heating cable can endure aggressive chemicals, oil, and fuel, leading to an impressively long operational lifespan. The CP version of this heating cable comes with a UV inhibitor, making it suitable for roof placement. It effectively melts ice and snow, providing a reliable solution for weather-related challenges.

Cable Construction



Ex e II C T4 Gb

Ordering Information

	☐	LEP	☐	-	EU	☐	☐
Power Output (10, 16, 26, 32W/m, 10°C)							
Supply Voltage (2:208-240V)							
Tinned-copper Braid (-C)							
Outer Jacket (R: Modified polyolefin T: Fluoropolymer P:TPE(UV Inhibitor))							

Application

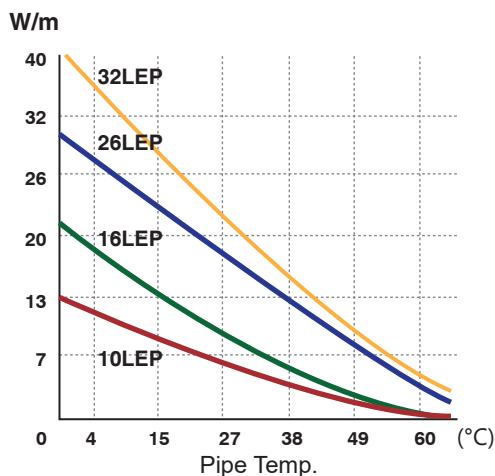
LEP self-regulating heating cable can be used in both non-hazardous and hazardous areas. It offers the advantage of being field-adjustable in terms of length, eliminating the need for any complicated design considerations. With different jacket options, it enables applications such as preventing pipe freezing, ensuring ice-free roofs and gutters, and enduring exposure to harsh chemicals, oil, and fuel.

Characteristics

Bus Wires	1.3 mm ² Tinned-copper wires			
Metallic Braid	Tinned copper			
Outer Jacket	CR: Modified polyolefin CT: Fluoropolymer CP: UV inhibitor			
Supply Voltage	230V			
Temperature Rating		Weights and Dimensions		
		Type	Dimensions	Weight
Maximum Maintain Temperature	65°C	LEP-CR	13.3*6.0	13Kg/100m
Maximum Exposure Temperature	85°C	LEP-CT	12.7*5.4	12Kg/100m
Minimum Installation Temperature	-20°C	LEP-CP	13.3*6.0	12.4Kg/100m
Power Output	10,16, 26,32 W/m	Minimum Bend Radius	25mm (at -20°C)	

Maximum Cable Length (m) vs. Circuit Breaker Size

230V Service Voltage		Maximum circuit length (m) per circuit breaker			
Model#	Start-up Temp.(°C)	15A	20A	30A	40A
10LEP	10°C	170	187	187	187
	-15°C	151	175	187	187
	-30°C	113	153	187	187
16LEP	10°C	132	137	156	156
	-15°C	115	128	156	156
	-30°C	83	109	156	156
26LEP	10°C	85	109	120	120
	-15°C	75	99	120	120
	-30°C	56	78	116	120
32LEP	10°C	63	81	104	104
	-15°C	57	73	100	102
	-30°C	47	61	92	102



Accessories

E-POLY supplies a complete range of accessories including power connection (EZK-PPC) / termination (EZK-PT) /splice kits (EZK-S) and end seals (EZK-ES). These items are recommended for the correct operation of FLN products.

Further information

Please consult the appropriate termination instructions and the E-POLY Installation, Testing and Maintenance Manual for further details.