

DRAINFREE - Silicone heating cord

SINGLE OUTPUT RESISTANCE HEATER

FREEZE PROTECTION OF COLD ROOM DRAIN PIPES, REFRIGERATED SHOWCASES.

The heating cables of the DRAINFREE family or more generally of the ELR-S range (see next page), are designed for applications in the field of refrigeration and air conditioning.

The integrated cold junctions make them perfectly waterproof. They are checked and finished at the factory. Flexible and functional due to their technology and thanks to the specific characteristics of the materials that compose them.

The silicone provides high dielectric strength and allows the heating cable to operate from -60°C to +200°C.

They should be energized only during defrost cycles. In the case of plastic pipes installed in a cold room at low negative temperature, we advise you to use self-regulating heating tapes of the TRACECO™ T-20 or T-30 type.



CARACTÉRISTIQUES GÉNÉRALES

REFERENCE	DESIGNATION	POWER
DrainFree-1	Silicone heating cable, 40 W/m, length 1 m, cold lead 1 × 1 m	40 W / 230 V
DrainFree-2	Silicone heating cable, 40 W/m, length 2 m, cold lead 1 × 1 m	80 W / 230 V
DrainFree-3	Silicone heating cable, 40 W/m, length 3 m, cold lead 1 × 1 m	120 W / 230 V
DrainFree-4	Silicone heating cable, 40 W/m, length 4 m, cold lead 1 × 1 m	160 W / 230 V
DrainFree-5	Silicone heating cable, 40 W/m, length 5 m, cold lead 1 × 1 m	200 W / 230 V
DrainFree-6	Silicone heating cable, 40 W/m, length 6 m, cold lead 1 × 1 m	240 W / 230 V

TECHNICAL DATA

Tension nominale	230 V (de 1.5 V à 400 V à la demande)
Puissance	40 W/m (de 5 W/m à 80 W/m à la demande)
Dimension	À la demande
Température de fonctionnement	De -60 °C à +200 °C
Tolérance	-5 % / +10 %
Protection	PVC réticulé (0.8 mm)
Diamètre extérieur	6.5 mm
Température mini d'installation	+5 °C
Rayon de courbure minimum	5 × Dia
Câble de liaison froide	À la demande

A LA DEMANDE

You have the possibility to choose the characteristics such as the heating lengths, the lengths of the cold outputs, the power and the dimensions within the admissible technical limits. You can also choose your heating cords in standard or braided version.

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TECHNICAL DESCRIPTION

The cords can be covered with a multi-strand metal braid for better mechanical protection, thus ensuring the grounding contact.



1. Hermetically sealed silicone rubber vulcanization.
2. Silicone rubber insulation with multi-strand metal braid cover (optional).
3. Colored point that indicates the limit of the hot-cold section.
4. Marking.
5. Silicone rubber insulated resistive heating cable.
6. Silicone rubber insulated return electrical cable.
7. Yellow/green PVC cable for earth connection (optional).

ELR-S ON-DEMAND HEATING CORDS

You have the possibility to choose the characteristics such as the heating lengths, the lengths of the cold outputs, the power and the dimensions within the admissible technical limits. You can also choose your heating cords in standard or braided version.

REFERENCE	DESIGNATION	POWER
ELR-S-W/lg/SF/V	Silicone heating cable, W/m, length m, Cold lead m, voltage	Watt

ELR-S	ELtrace Resistance - Silicone
Power (W)	10 W/m to 50 W/m - other power on demand
Dimension (Lg)	Heating length (m)
Cold lead (SF)	Cold lead (m)
Voltage (V)	1.5 V to 400 V
Protective braid (-B)	Braid version
Overjacket (-BO)	Braid and overjacket version

REFERENCE REGULATIONS AND CERTIFICATION

- ✓ Design, manufacture and testing according to harmonized standards EN 60335.
- ✓ Compliance with DIRECTIVE 2006/95/EEC.
- ✓ Declaration of conformity for the entire range.