

Head office 12. rue des Frères LUMIÈRE F-77290 Mitry-Mory

Tel: +33 (0)1 64 62 04 40 Fax: +33 (0)1 64 62 00 54 Email : info@eltrace.com Web : www.eltrace.com

France

Date : 6/07/2022 Version: En-Rev.2.010

Type: Technical Datasheet **Document: FT-Refrigeration** Câble chauffant autorégulant TRACECO-R

TRACECO[™] - Classe R

SELF-REGULATING HEATING CABLE FOR COLD ROOM DOOR DEFROSTING



Braided version: R-xx-B Braid and Oversheathed Version: R-xx-BO

Primary insulation

Bus wire 2 × 0.55 mm²

PRODUCT OVERVIEW

TRACECO™-R self-regulating heating cords ensure the defrosting of door seals in negative cold rooms. They slip into the hinged or sliding doors of cold rooms to prevent ice from preventing the doors from opening. The **TRACECO**^M-**R** replaces all your references and resistors. Whatever the dimensions of the doors, a single cable is enough for you. TRACECO[™]-R cords are placed on hinged or sliding doors. As "self-regulating" and due to its "parallel" technology, the TRACECOTM-R heating cable connects directly to the desired length in the junction box. Thus avoiding the preparation of a cold outlet and therefore saving substantial time and cost.

With oblong section, allows quick assembly without loss the an it in corners. TRACECO^M-R is available in two powers 30 W/m and 40 W/m at 10 °C (9 W/ft and 12 W/ft at 50 °F).

APPLICATION

Surface type	Metallic or plastic
Chemical resistance	Contact your ELTRACE representative
Area	Safe area (for explosive or corrosive areas, contact your representative)

PRODUCT ADVANTAGES

- V Thanks to « parallel » heating cable technology allows cutting to the desired length.
- √ An oblong self-regulating heating cord suitable for around doors, even in corners.
- V A single reference that replaces all the different resistances and lengths.
- V Energy savings thanks to self-regulation, self-limiting power.
- √ No risk of overheating.
- V The Box-type reel storage system allows simple, quick and practical handling.
- V This product is available from stock.

PRODUCT QUALIFICATION

EAC, RoHS, REACH

© 1993-2022 ELTRACE - In order to improve the quality of its products, ELTRACE SAS reserves the right to change specifications without notice All ELTRACE brands and logos are the property of ELTRACE SAS - All other brands are the property of their respective owners



Head office 12, rue des Frères LUMIÈRE F-77290 Mitry-Mory France Tel : +33 (0)1 64 62 04 40 Fax : +33 (0)1 64 62 00 54 Email : info@eltrace.com Web : www.eltrace.com

Type: Technical Datasheet Document: FT-Refrigeration Câble chauffant autorégulant

TRACECO-R

Date : 6/07/2022 Version: En-Rev.2.010

TRACECO™ - Classe R

CARACTÉRISTIQUES TECHNIQUES

Nominal voltage	230 V (110 V nous consulter)	
Maximum exposure temperature energized	65 °C (150 °F)	
Maximum exposure temperature un-energized	80 °C (180 °F)	
Temperature class	Т6	
Minimum bending radius	25 mm à 20 °C (70 °F)	
Minimum installation temperature	-20 °C (-10 °F)	
Weight with alufoil and overjacket (version R-xx-AO)	41 kg/km (0.27 lb pour 10 ft)	
Weight with braid and overjacket (version R-xx-BO)	52 kg/km (0.35 lb pour 10 ft)	
Matrix dimensions $^{(1)}$	4.4 mm × 4.1 mm (0.17 in × 0.16 in)	
Insulated cable dimensions $\stackrel{(1)}{\longrightarrow}$	5.8 mm × 5.6 mm (0.23 in × 0.22 in)	
Braided cable dimension $^{(1)}$	6.1 mm × 6.0 mm (0.24 in × 0.23 in)	
⁽¹⁾ Tolerance: ±0.5 mm (± 0.02 in)		

THERMAL CHARACTERISTICS

Nominal voltage 230 V

REFERENCE	POWER AT 10 °C - (50 °F)	MAX LENGTH
R-30-xx	30 W/m (9 W/ft)	50 m
R-40-xx	40 W/m (12 W/ft)	50 m



© 1993-2022 ELTRACE - In order to improve the quality of its products, ELTRACE SAS reserves the right to change specifications without notice All ELTRACE brands and logos are the property of ELTRACE SAS - All other brands are the property of their respective owners