ETHERMA°
EFFICIENT. ELECTRIC. HEATING.

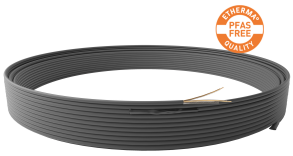
PRODUCT DATASHEET

Type: eFLOOR-CABLE-SCREED-10-171
Art. Nr.: 46542

9120129932981

Short description

Heating loop for screed installation, PFAS free, 10W/m, 171m, 1710W



Product Description

The eFLOOR CABLE SCREED heating loops have been specially developed for direct installation in concrete and flowing screeds indoors and are ideal for efficient floor temperature control. They offer a flexible solution for a wide range of room geometries and applications – from living areas to commercial premises. Thanks to the individually adjustable installation spacing, the heating loops can be laid out precisely according to heat requirements and structural conditions, ensuring even and demand-based heat distribution. The factory-assembled heating loops consist of a high-quality dipole heating conductor, which ensures low electromagnetic field emission and is therefore particularly user-friendly. The connection cable (cold end) is permanently waterproof and is not heated. It is 4 m long as standard, but can be manufactured in custom lengths on request to allow optimum adaptation to local conditions. eFLOOR CABLE SCREED is available in three power variants – 10, 15 or 20 W/m – and can therefore be precisely dimensioned according to the desired energy requirement. The heating conductor is PFAS-free, making it particularly environmentally friendly. The maximum temperature resistance is 90 °C. The heating conductor is designed in accordance with the VDE NH2G2GQUY standard. The minimum bending radius is 5 × d. Protection class: IP X7. Protective measure: 30 mA residual current circuit breaker. CE compliant. This product is a stationary, electric floor heating device for individual rooms; in order to meet the mandatory ecodesign requirements of Commission Regulation (EU) 2024/1103, it must be supplemented by a controller that fulfills at least the following control functions: electronic room temperature controller with weekday control (TW) and at least one f function (e.g., f2 or f4); the following combinations are possible: TW (f2), TW (f3), TW (f4), TW (f8)

ETIM 10 Characteristics

Cable type	Dual core	**Nominal voltage**	230 Volt
Constant power	✔	**Max. hold temperature**	90 Degrees celsius
Self-limiting	✖	**Heating capacity**	10 Watt per metre
Screening	Foil	**Diameter**	6 Millimetre
Material screening	Aluminium	**Height**	0 Millimetre
Surface coating screening	None	**Width**	0 Millimetre
Colour	Black	**Length**	171 Metre
Application	Other		

Created on: 14/09/2026

ETHERMA Elektrowärme GmbH
Landesstrasse 16
A-5302 Henndorf am Wallersee
Tel.: +43 6214 / 76 77
Mail: office@etherma.com
Web: www.etherma.com

ETHERMA Deutschland GmbH
Bahnhofstraße 40
D-48599 Gronau
Tel.: +49 2562 / 81 97 00
Mail: office.de@etherma.com
Web: www.etherma.com