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## ELK-SOL

Heating cable

## ELK-SOL

## FLOOR HEATING CABLE FOR COLD ROOM

ELK-SOL type heating cables can be used to protect the floors of cold rooms against heaving caused by frost.

This is a cold room floor frost protection electric heater. The cable must cover the contact surface with the substrate and provide a thermal barrier to prevent lifting and other cracks.

The power to be installed is around 20 to  $40 \text{ W/m}^2$ .

Given the inaccessibility of the equipment and the cost of the work, we planned to double the circuit; the second cable constituting a possible recue. Of course, the two cables should never work simultaneously.

The cable must be regulated by an electronic thermostat type ELTE-1 or ELTH-B390. The temperature sensor will be placed in a glove finger, in order to make it interchangeable, it will be arranged on the same plane and in the axis of the heating conductors.



## HEATING CABLE CONSTRUCTION

Type: Technical Datasheet

Document: FT-Refrigeration

REFERENCE		LABEL		RESISTANCE
ELK-SOL	Cable for negative colo	d room floor		From 0.02 $\Omega/m$ to 12 $\Omega/m$
Nominal voltage	De	12 V à 400 V		
Wire		Cupro-nickel alloy strand		
Insulation		ross-linked polyethylene		
Shielding		Aluminium foil 100 % covered + earth wire		
Tolerance	-5 %	% / +10 %		
Protection		Cross linked PVC (0.8 mm)		
Outer Diameter	6.5	mm		
Minimum installati	on temperature +5 °	°C		
Minimum bending	radius 5 ×	Dia	2 Montage avec Cable chauffan	nt R.
Cold lead cable	On	demand		-18a
IMPLEMENATION - II	Ιστοι		(	annent / Carrelage
	the heating cables is c	arried out ac-		
cording to the diag	•			
Advantages			Lit Sector	
Prevents frost damage for cold rooms or ice rinks. Extre-				
mely durable and r	obust. 100% waterproof	f.	-030	ad Dalle Premaire
PRODUCT QUALIFICA				Account of the second of the s
CE, NF C-15 100,	IEC 60-800 rev3., Class	M2 (1500 N).		
Impact test 5 × 9 jo	oules.			Treillage Acier
				Cable chauffant Normal e
Do not overlap the heating cables				secours type ELK-SOL

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