

ETHERMA NST

Dipole mesh heating mat, extra robust for wall and floor installation



The NST factory-made mesh heating mat is extremely resistant due to the Teflon inner and outer insulation of the heating conductor and is therefore suitable for indoor and outdoor use. Its Teflon outer casing makes it chemically resistant and ideal for installation in chemically aggressive environments such as public toilets, bathrooms, etc., where concentrated cleaning agents are used. The dipole design guarantees easy installation. In addition, the mesh heating mat, as a wall heater, also serves to heat rooms or to insulate walls from the cold.

In addition, the NST mesh heating mat is suitable for use as an open-space heater under tiles of flex adhesive or thin coverings. This allows for a particularly low floor build-up when working with ramps, walkways and driveways.

APPLICATION POSSIBILITIES

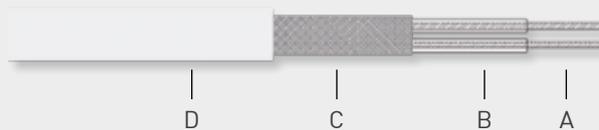
Public areas, swimming pools, wellness areas
Excellent for use in wellness areas, where aggressive cleaning agents are used, which, after some time, attack a PVC-insulated heating cable through the caulk. The NST mesh heating mats are resistant to these chemically aggressive influences due to their Teflon outer insulation, guaranteeing a long service life.

Wall heating

For drying walls or heating rooms. Laying in plaster or clay possible.

Open space heating under tiles and thin coverings

The extremely thin structure makes the NST ideal for keeping terraces, driveway ramps, entrance areas, emergency access roads, and parking garages free of snow and ice during renovation, etc.



- A Resistance strands
- B Teflon, inner insulation
- C Protective braiding made of tinned Cu wires
- D Teflon outer insulation

TECHNICAL DATA

- > Voltage: 230 V, 400 V
- > Output: 130, 160, 200, 300 W/m²
- > Temperature-resistant: Up to 150 °C
- > Bespoke outputs available: on request
- > Thickness of heating cable: Approx. 3.3 mm
- > Heating mat type: 12.5 x 12.5 mm
- > Standard widths: 50 cm
- > IP rating: IP X7
- > Safety function: Ground fault circuit interrupter, 30 mA
- > Connecting cable: 4 m; 2 x 1.0 mm²/1.5 mm² + Protective braiding
- > System structure: CE compliant

PRODUCT ADVANTAGES

- + Special services possible
- + Connection cable possible to measure
- + Chemically resistant

NST-130 W/m²

For the drainage of damp walls, as a prevention against mold and for insulation against wall coldness, as well as for the main heating in low-energy houses.

NST-160 W/m²

As a full wall heater with standard insulation.

NST-200 W/m²

For heating living spaces with poor insulation and for cold insulation of particularly cold walls.

NST-300 W/m²

For heating surfaces in wellness areas, but also as open space heating under tiles in thin beds or in thin coverings for the renovation of ramps where a low floor structure is required.

Mesh heating mat 132-NST, 130 W/m², 230 V, IP X7

RG: M1 | LZ: 1 week

Type	Art. No.	Output (W)	Length (cm)	Width (cm)	m ²	Price €
132-NST5-140	40873	91	140	50	0.70	138.30
132-NST5-215	40874	140	215	50	1.08	188.40
132-NST5-320	40875	208	320	50	1.60	256.00
132-NST5-440	40876	286	440	50	2.20	319.80
132-NST5-550	40877	358	550	50	2.75	362.90
132-NST5-650	40878	423	650	50	3.25	419.30
132-NST5-770	40879	500	770	50	3.85	478.50
132-NST5-1090	40880	709	1090	50	5.45	658.00
132-NST5-1450	40881	943	1450	50	7.25	848.80
132-NST5-1840	40882	1196	1840	50	9.20	1057.50