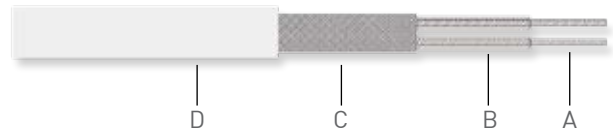


## UNDERFLOOR HEATING, STRONG

## ETHERMA NST - Dipole netted heating mat with Teflon-insulated heating conductor



- A Resistance cables
- B Teflon inner insulation
- C Protective sleeve made of aluminium + protective conductor
- D Teflon outer insulation

## USE

ETHERMA NST is an extremely resistant netted heating mat for operation in inner- and outer areas. It's a factory-made, ready-to-use netted heating mat with Teflon inner- and outer insulation. This netted heating mat is due to the outer sheath chemically resistant and therefore excellently suitable for installation in chemically aggressive areas such as public toilets, pools or paint shops where strong cleaning agents are used. Due to the Dipole completion an easy fitting is guaranteed.

Furthermore the ETHERMA NST is also suitable for installation in free space under tiles in flexible adhesive or various thin coats. This enables an especially flat fitting for the reconstruction of ramps, foot paths and access roads.

## POSSIBLE APPLICATIONS

## Public areas, swimming pools or spas

ETHERMA NST is excellently suitable for the use in spas because aggressive cleaning agents could affect the PVC-heating cable through the joints in the course of time.

But the ETHERMA NST is resistant against these chemical effects due to the Teflon outer insulation and guarantees a long working life.

## Public toilets, animal breeding

These sites are exposed to extreme chemical strain and because of the NST covering - acid and excrements can't do any harm - so the ETHERMA NST is the ideal and perfect solution.

## Free space heating under tiles or thin covering

The extreme flat fitting enables the NST perfectly to keep terraces, gateways, entrance areas, rescue services or parking garages free from snow and ice.

## TECHNICAL DATA



- > Voltage: 230 V, 400 V
- > Output: 160, 200, 250, 300 W/m<sup>2</sup>
- > Temperature-resistant: up to 150 °C
- > Special output: on request
- > Heating line thickness: max. 3.3 mm
- > Protection rating: IP X7
- > Cold lead: 4 m; 2 x 1,0 mm<sup>2</sup>/1.5 mm<sup>2</sup> + earth shield
- > Approval: CE compliant

## BENEFITS OF THIS PRODUCT

- + Output: 160 – 300 W/m<sup>2</sup>
- + Custom-made special outputs available
- + Connection line, custom-made
- + Fast heating
- + Only 3.3 mm thin
- + Perfect stitching technology guarantees a safe fitting
- + Chemically resistant

## SELECTION GUIDE

NST-160 W/m<sup>2</sup>

Full heating system in kitchens, bathrooms and lounges with standard insulation.

NST-200 W/m<sup>2</sup>

Room heating in rooms without or with poor insulation; bathroom, sauna, wellness areas, winter gardens and wherever a short amount of time for heating is necessary.

NST-250 and 300 W/m<sup>2</sup>

For the heating of surfaces in spas and also for free space heating under tiles in thin layering or in thin covering for the reconstruction of ramps, when a thin foundation is important.

Dipole netted heating mat 162-NST, 160 W/m<sup>2</sup>, 230 V, IP X7

RG: 003 | DT: 1 week

Type	Order no.	Output (W)	Dimensions (cm)		
			Length	Width	m <sup>2</sup>
162-NST5-120	35993	96	120	50	0.6
162-NST5-200	35994	160	200	50	1.0
162-NST5-280	35995	224	280	50	1.4
162-NST5-400	35996	320	400	50	2.0
162-NST5-560	35997	448	560	50	2.8
162-NST5-680	35998	544	680	50	3.4
162-NST5-960	35999	768	960	50	4.8
162-NST5-1280	36000	1024	1280	50	6.4
162-NST5-1660	36001	1330	1660	50	8.3

Dipole netted heating mat 202-NST, 200 W/m<sup>2</sup>, 230 V, IP X7

RG: 003 | DT: 1 week

Type	Order no.	Output (W)	Dimensions (cm)		
			Length	Width	m <sup>2</sup>
202-NST5-115	33210	118	115	50	0.6
202-NST5-180	31085	176	180	50	0.9
202-NST5-255	32217	259	255	50	1.3
202-NST5-360	32412	358	360	50	1.8
202-NST5-525	32208	521	525	50	2.6
202-NST5-625	33215	625	625	50	3.1
202-NST5-885	32209	885	885	50	4.4
202-NST5-1180	32411	1178	1180	50	5.9
202-NST5-1485	32210	1484	1485	50	7.4

Dipole netted heating mat 252-NST, 250 W/m<sup>2</sup>, 230 V, IP X7

RG: 003 | DT: 1 week

Type	Order no.	Output (W)	Dimensions (cm)		
			Length	Width	m <sup>2</sup>
252-NST5-105	33219	126	105	50	0.5
252-NST5-160	33220	202	160	50	0.8
252-NST5-235	33221	284	235	50	1.2
252-NST5-325	33222	400	325	50	1.6
252-NST5-465	33223	588	465	50	2.3
252-NST5-555	33224	701	555	50	2.8
252-NST5-790	33225	988	790	50	4.0
252-NST5-1050	33226	1314	1050	50	5.3
252-NST5-1325	33228	1660	1325	50	6.6

Dipole netted heating mat 302-NST, 300 W/m<sup>2</sup>, 230 V, IP X7

RG: 003 | DT: 1 week

Type	Order no.	Output (W)	Dimensions (cm)		
			Length	Width	m <sup>2</sup>
302-NST5-98	33231	136	98	50	0.5
302-NST5-143	33353	223	143	50	0.7
302-NST5-210	33233	315	210	50	1.1
302-NST5-293	33234	441	293	50	1.5
302-NST5-428	33235	640	428	50	2.1
302-NST5-510	33236	763	510	50	2.6
302-NST5-720	33237	1080	720	50	3.6
302-NST5-960	33239	1438	960	50	4.8
302-NST5-1215	33240	1814	1215	50	6.1

Netted heating mats 253-NST, 250 W/m<sup>2</sup>, 400 V, IP X7

RG: 003 | DT: 1 week

Type	Order no.	Output (W)	Dimensions (cm)		
			Length	Width	m <sup>2</sup>
253-NST5-180	36136	222	180	50	0.9
253-NST5-278	36137	346	278	50	1.4
253-NST5-398	36138	503	398	50	2.0
253-NST5-555	36139	703	555	50	2.8
253-NST5-810	36140	1022	810	50	4.1
253-NST5-968	36141	1216	968	50	4.8
253-NST5-1373	36142	1714	1373	50	6.9
253-NST5-1830	36143	2281	1830	50	9.2
253-NST5-2310	36144	2886	2310	50	11.6

Netted heating mats 303-NST, 300 W/m<sup>2</sup>, 400 V, IP X7

RG: 003 | DT: 1 week

Type	Order no.	Output (W)	Dimensions (cm)		
			Length	Width	m <sup>2</sup>
303-NST5-165	36145	242	165	50	0.8
303-NST5-255	36146	376	255	50	1.3
303-NST5-368	36147	544	368	50	1.8
303-NST5-510	34317	765	510	50	2.6
303-NST5-743	36148	1115	743	50	3.7
303-NST5-885	36149	1329	885	50	4.4
303-NST5-1253	36150	1879	1253	50	6.3
303-NST5-1665	36151	2507	1665	50	8.3
303-NST5-2108	36152	3163	2108	50	10.5