



- A Heating cable
- B Heating cable
- C Internal insulation fluoropolymer (PFA)
- D Aluminum casing + protective conductor
- E Irradiation cross-linked polyolefin outer insulation

TECHNICAL DATA

- > Voltage: 230, 400 V
- > Output: 250, 300 W/m²
- > Special outputs: 350, 400 W/m²
- > Nominal temperature: Up to 105 °C
- > Temperature-resistant heating cable: 240 °C/35 min
- > Min. installation temperature: - 5 °C
- > Max. bending radius: 5 d
- > Thickness of heating cable: 7 mm
- > IP rating: IP X7
- > Connection cable: 1 x 3 m or 10 m; 3 x 1.5 (2.5) mm²
- > Certification: CE compliant

PRODUCT ADVANTAGES

- + Project oriented planning & production
- + Connection cable made to measure
- + Support net prevents floating of the heating mat
- + Abrasion warning

SELECTION GUIDE

GUSN-250 W/m²– For smaller private ramps, driveways, terraces and walkways below 1,000 m above sea level.
GUSN-300 W/m² –For public ramps, driveways and walkways, parking garages, landing fields, etc. below 1,000 m above sea level.

ETHERMA GSN

Heating mat for installation in mastic asphalt



The GSN heating mat for installation in mastic asphalt is used to keep parking garage entrance ramps, emergency access roads, entrance areas, etc. free of snow and ice. The GSN heating mat consists of a glass silk armored mesh to which a dipole heating conductor is glued. The permitted application temperature is 240 °C for 35 min.

The glass-silk armored braid prevents the heating cable from floating up. It is important to lay with the glass silk net facing upwards. The special processing guarantees 100% reliable installation and stability of the heating mat during installation. The mat does not need to be attached to the sub-floor. The optimum asphalt thickness is 2 x 2 cm and must be applied in 2 steps. The heat-sealing band is resistant to acids and alkalis.

ETHERMA TIP: We produce all connection lines to measure. Upon request, we will take care of the installation and maintenance of your outdoor heating system.

ETHERMA TIP: Project-specific production of the heating mats in various sizes and performances available on request.

Heating mat 253-GUSN, 250 W/m², 400 V, IP X7, connection cable 10 m

RG: M5 | LZ: 1 week

Type	Art. No.	Output (W)	Length, Width (cm)	m ²	Price €
253-GUSN-55-590	40716	806	590 55	3.23	259.20
253-GUSN-55-850	40717	1174	850 55	4.70	377.40
253-GUSN-55-1920	40720	2638	1920 55	10.55	844.80
253-GUSN-55-2420	40721	3333	2420 55	13.33	1066.40
253-GUSN-55-3430	40722	4714	3430 55	18.86	1506.80

Type	Art. No.	Output (W)	Length, Width (cm)	m ²	Price €
253-GUSN-75-430	40723	806	430 75	3.23	259.20
253-GUSN-75-630	40724	1174	630 75	4.70	377.40
253-GUSN-75-1410	40727	2638	1410 75	10.55	844.80
253-GUSN-75-1780	40728	3333	1780 75	13.33	1066.40
253-GUSN-75-2510	40729	4714	2510 75	18.86	1506.80

Heating mat 303-GUSN, 300 W/m², 400 V, IP X7, connection cable 10 m

RG: M5 | LZ: 1 week

Type	Art. No.	Output (W)	Length, Width (cm)	m ²	Price €
303-GUSN-75-150	40730	346	150 75	1.15	161.60
303-GUSN-75-280	40731	632	280 75	2.11	205.30
303-GUSN-75-1280	40736	2889	1280 75	9.63	766.80
303-GUSN-75-1620	40737	3651	1620 75	12.17	971.20
303-GUSN-75-2300	40738	5164	2300 75	17.21	1377.90

Type	Art. No.	Output (W)	Length, Width (cm)	m ²	Price €
303-GUSN-95-120	40739	346	120 95	1.15	161.60
303-GUSN-95-220	40740	632	220 95	2.10	205.30
303-GUSN-95-1010	40745	2889	1010 95	9.60	766.80
303-GUSN-95-1280	40746	3651	1280 95	12.15	971.20
303-GUSN-95-1810	40747	5164	1810 95	17.21	1377.90

ETHERMA TIP:

Accessories for the heating mats can be found on page 69. Controls can be found from page 94.