

GS UNDERFLOOR  
HEATING

# TURF DE-ICING SYSTEMS

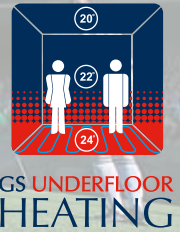
## Playable All-Year Round

- ✓ FOR FOOTBALL PITCHES AND SPORTS FIELDS
- ✓ FOR PLAYGROUNDS



DOES SNOW PREVENT YOU FROM PLAYING?

# Sports Fields & Playgrounds De-icing Systems

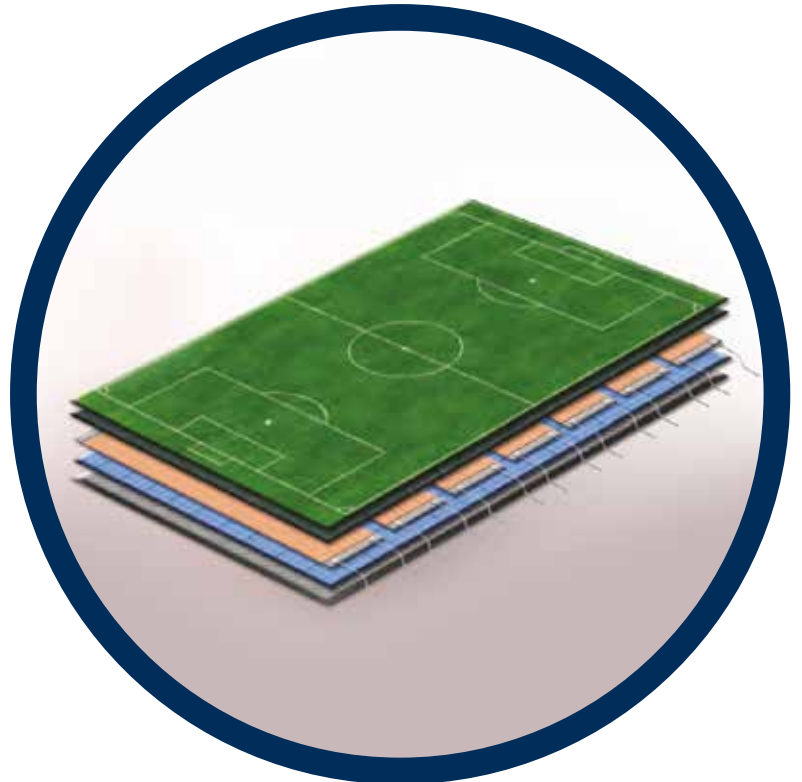


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## SNOW MELT & PITCH DE-ICING

GS Underfloor Turf De-Icing System solutions makes your pitch playable all year round. Sports fields and football pitches usually out of use during the winter season since they are often covered with ice and snow, however, there is an increased demand to use sports fields and playgrounds all the year round.

When it comes to professional sports, especially football, reliable de-icing of the pitch is even more important as huge investments are made in stadiums and professional players. Our de-icing products will keep the infill soft and playable and prevent injuries to players when the temperature drops below the freezing point. Our de-icing solutions are a perfect match for that demand and we can ensure that your pitch will be snow and ice free for all-the-year usage.



### DOES SNOW PREVENT YOU FROM PLAYING?

MultiTherm Mat with 3  
different outputs.

MultiTherm Ribbon with 3  
different outputs

YOU HAVE A CHANCE TO MAKE A CHANGE!



# MULTITHERM MAT

3 DIFFERENT OUTPUTS:

50-75W/M<sup>2</sup>, 100-120W/M<sup>2</sup> AND 150-195W/M<sup>2</sup>



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## INSTALLATION:

Must be installed on shock pad and under artificial turf.

<b>Output/m2</b>	60, 120, 180	<b>Thickness</b>	2mm
<b>Heating Element</b>	Double Insulation	<b>Dialectrical Strength</b>	4000 volt
<b>Mechanical Strength</b>	2000 Newton	<b>Base Material</b>	2-Layer Polyester
<b>Supply Lead</b>	2-4 Meter/Mat	<b>Mat Width</b>	90 cm
<b>Mat Length</b>	65-70 Meter	<b>Electric Supply</b>	3 Phase

# MULTITHERM RIBBON

3 DIFFERENT OUTPUTS:

50W/M<sup>2</sup>, 100W/M<sup>2</sup> AND 150W/M<sup>2</sup>

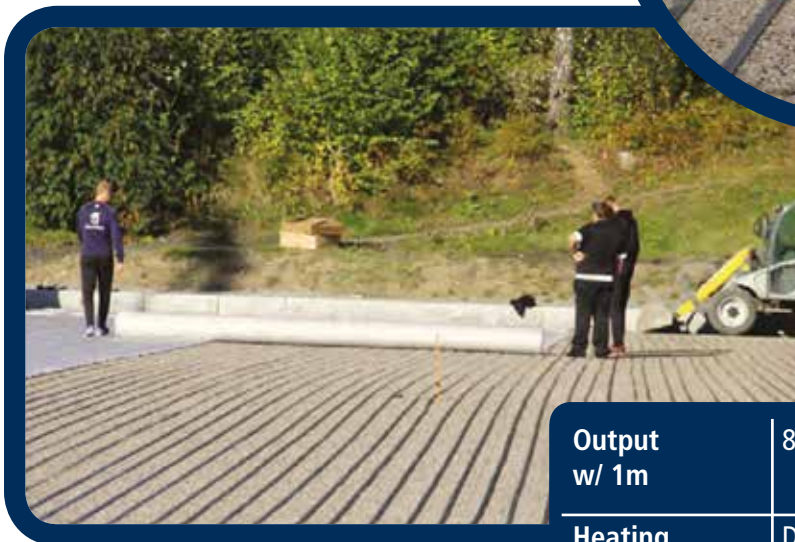


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Shock Pad

MultiTherm  
Ribbon



## INSTALLATION:

Over soil.

For natural turf, the ribbon can be installed in the soil.

<b>Output w/ 1m</b>	8, 24, 32	<b>Thickness</b>	4x28mm
<b>Heating Element</b>	Double Insulation	<b>Dialectrical Strength</b>	4000 volt
<b>Mechanical Strength</b>	2000 Newton	<b>Base Material</b>	PVC
<b>Supply Lead</b>	2-4 Meter /Ribbon	<b>Installation Distance</b>	16, 7cm
<b>Mat Length</b>	As per request	<b>Electric Supply</b>	400V



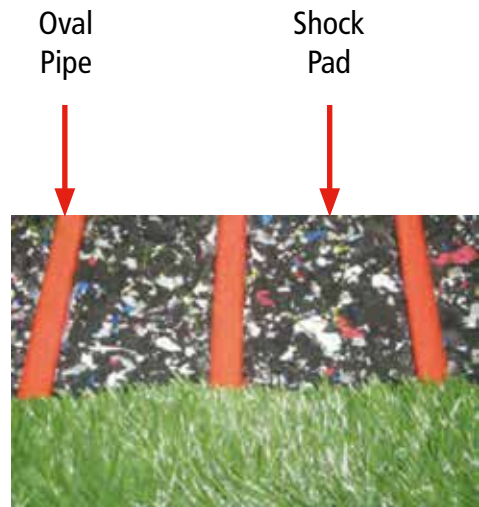
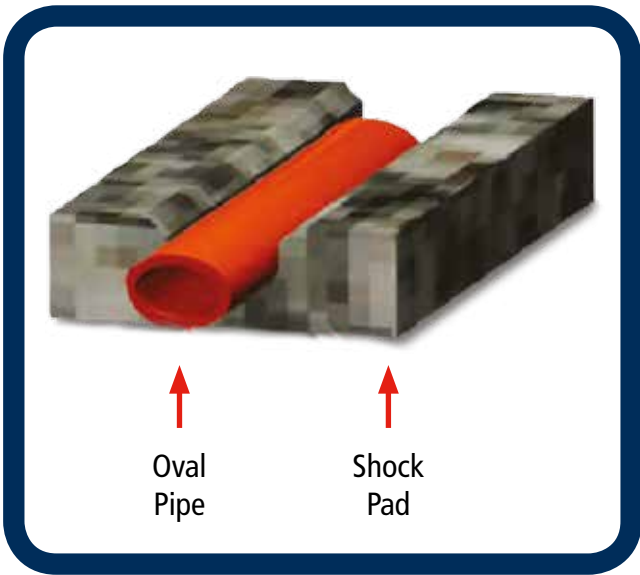
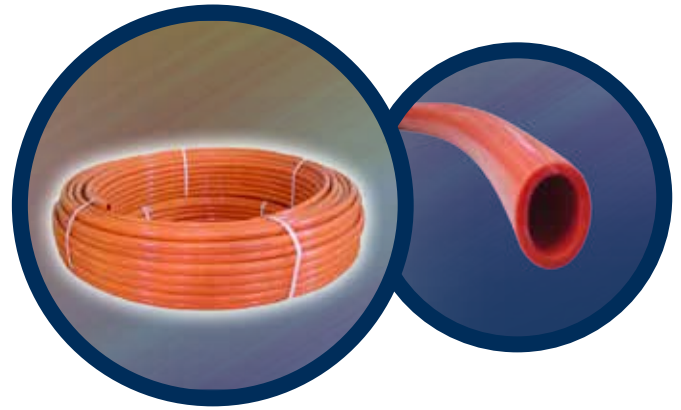
# OVAL PIPE

OVAL PIPE 17/24

FOR NATURAL AND ARTIFICIAL TURF



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## INSTALLATION:

Over soil.

For natural turf, the pipe can be installed in the soil.

Material	Polyethylene Resin	Colour	Orange
Name	PE-RT	Roll Length	200 meter
Dimensions	17x24x2.5mm	Water Content	0.200 l/m

# TURF DE-ICING

REAL-TIME EXAMPLE

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MultiTherm Ribbon - Pitch is covered in snow.



Snow is removed mechanically while the pitch is preheated. The remaining snow will melt and infill will be soft.



The de-iced pitch is used for training.



Football pitch is clear of snow and infill is soft and safe for players. The ball has perfect rebound.



**PERFECT REBOUND** - USE OF PITCH DE-ICING SYSTEMS  
DO NOT AFFECT **BALL REBOUND!**



# FURTHER DE-ICING PRODUCT

WALKWAYS, DRIVEWAYS AND CAR PARKS



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GS Underfloor De-Icing System installed in Italy for safe driving up to a residential property.

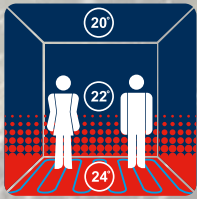
GS Underfloor De-Icing System installed in Austria to maintain a dangerous driveway free of ice and snow.



GS Underfloor De-Icing System installed in Germany to maintain loading area free of snow and ice.







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