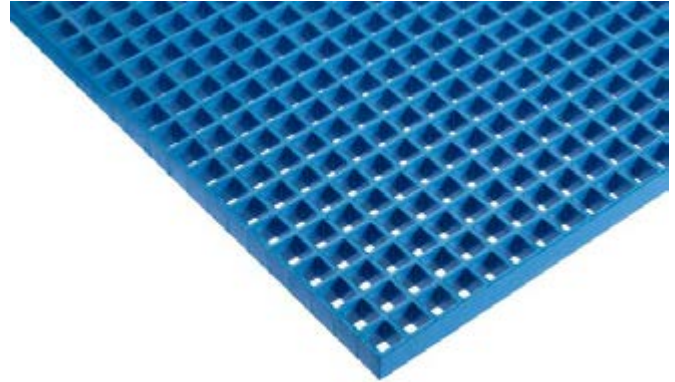


Gratings

Type GRP-K 530-38-5 Food Grade

PROPERTIES

Matrix	Isophthalic (Polyester) Food Grade resin
Reinforcement:	E-Glass
Colour	Blue, near RAL 5015 (other colours on demand possible)
Height	30 mm
Surface	concave
Width of bars	5,00 – 6,50 mm
Pitch	38,10 x 38,10 mm
Mesh width	31,60 x 31,60 mm



STANDARD PANEL SIZES:

- 921 x 3055 mm
- 1226 x 2445 mm
- 1226 x 3665 mm
- 1531 x 4083 mm
- 1226 x 4045 mm
- 997 x 4045 mm
- (bold = ex stock)

TOLERANCES:

Length / width	+0 / - 4 mm
Height	+1 / - 1 mm

FIXING POSSIBILITIES:

Clamp fixing	B138T / K
Direct	B638T / K

We supply all fixings for GRP gratings in galvanized steel, stainless steel V2A and stainless steel V4A.

Mechanical properties	value	unit	norm
Weight	14,47	kg/m ²	
Matrix content	approx. 68	%	
Glassfiber content	approx. 32	%	DIN 1172
Density	1,8	kg/dm ³	
Serration class	R13 V10		DIN51130 and ASR A1 1.5/1,2
E-modulus	14.500	MPa	DIN EN ISO 178
Max. Bending stress	216	MPa	
Area moment of inertia / 1 bar	26976,17	mm ⁴	
Section modulus / 1 bar	1348,05	mm ³	
Thermal properties	value	unit	norm
Max. Application temperature	-30 / + 70	°C	
Flammability	approx. 68	%	
Flammability regarding UL94			
Electric properties	value	unit	norm
Leak resistor	electrically	non-conducting	

The above-mentioned details refer to our current state of knowledge and shall inform on our products. The values and information listed are no minimum or maximum values, but guideline values which can be used for material selection. These values are within the normal tolerance range, however they do not represent warranted property values and therefore should not be used for specification purposes. Reserve the right for technical changes.