
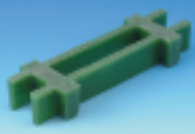
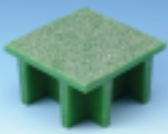



Mechanical data sheet

					
		concentrated load with 300x75 mm block		uniformly distributed load	
	Span mm	Load with 1% defl.	Safety factor 10:1 load daN	Load with 1% defl.	Safety factor 10:1 load daN/m ²
Pedestrian Traffic	mesh 85x18xh25 (100x25xh25)				
		600	420	270	1650
		800	260	210	700
		1000	190	200	360
		1200	160	190	210
	mesh 30x30xh25 (40x40xh25)				
		600	350	200	1300
		800	230	160	550
		1000	170	150	280
		1200	130	140	160
Light-medium Loads	mesh 30x30xh30 (40x40xh30)				
		600	550	380	2220
		800	390	300	940
		1000	290	280	480
		1200	230	270	280
	mesh 19x19xh30 (25x25xh30)				
		600	570	350	2420
		800	420	270	1020
		1000	320	260	520
		1200	260	250	300

gratings with closed and sandwich surface

	<p>Depending on the selected mesh type, the load values of gratings manufactured with closed and sandwich surface increase from a minimum of +35% up to +200% compared to the load values of the same mesh type with open surface (if you need to define correct load values for specific applications please contact our Technical Department).</p>	
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We reserve the right to modify without notice our production properties and the written data of the present document.

The mechanical resistances shown in the table refer to a linear support on both sides of the panel (as seen in the above drawings). The load values indicated refer to a 1% deflection of the span (example: with a 80 cm span, the load value indicated causes a deflection of 0,8 cm). The load with safety factor represents 1/10 of the load needed to cause the total failure of the grating (a value of 300 daN means that the grating will break with a load of 3000 daN).

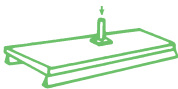
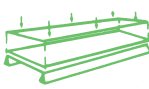

The load values indicated represent average values, they may vary +/- 15%. As actual environmental and operational conditions are beyond our control in no way these values can be a guarantee of performance. Our products are guaranteed for 1 year within normal use.



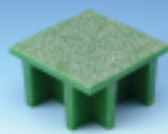
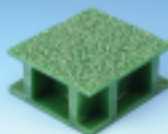
ticomm & PROMACO

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Mechanical data sheet

					
		concentrated load with 300x75 mm block		uniformly distributed load	
	Span mm	Load with 1% defl.	Safety factor 10:1 load daN	Load with 1% defl.	Safety factor 10:1 load daN/m ²
Semi-heavy Loads	mesh 30x30xh38 (40x40xh38)				
		600	950	430	4470
		800	680	335	1890
		1000	540	320	970
		1200	430	300	560
	mesh 8x8xh30 (17x17xh30)				
		600	640	430	2660
		800	450	340	1120
		1000	345	325	570
		1200	280	310	330
Heavy Loads	mesh 19x19xh40 (25x25xh40)				
		600	1160	600	4930
		800	850	460	2080
		1000	660	440	1070
		1200	530	430	620
	mesh 40x15xh55 (50x25xh55)				
		800	1620	620	3930
		1000	1380	585	2010
		1200	990	540	1170
		1400	780	500	730

gratings with closed and sandwich surface

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