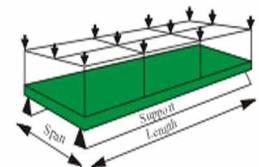
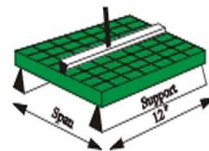
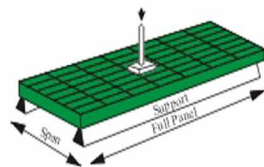


FIBERGLASS GRATING

■ Load and Deflection

Height	Load Span (inch)	Load of 1% Deflection lbs. using 3" × 12" Block	Concentrated load lbs./ft.		Uniformly distributed load of 1% Deflection lbs./sq.ft.
			Load of 1% Deflection	Load of Failure in Flexure	
1"	18	700	410	2600	440
	24	470	235	1950	190
	30	310	160	1500	100
	36	260	100	1300	60
	42	230	85	1110	40
1 1/4"	18	--	945	4500	1130
	24	1400	530	3550	480
	30	945	340	2800	250
	36	770	235	2250	145
	42	690	175	2050	105
	48	600	135	1750	60
1 1/2"	18	--	1470	7290	1565
	24	1780	825	5500	660
	30	1305	500	4350	315
	36	1130	370	3650	200
	42	830	270	3150	125
	48	630	205	2750	85
2"	24	2000	1460	6500	1165
	30	1600	930	5200	595
	36	1400	650	4300	345
	42	1150	475	3700	215
	48	1000	365	3150	145



- ◆ The data listed are for reference only. Different types of resin, fiberglass and top surface will lead to a variation of up to 20%.