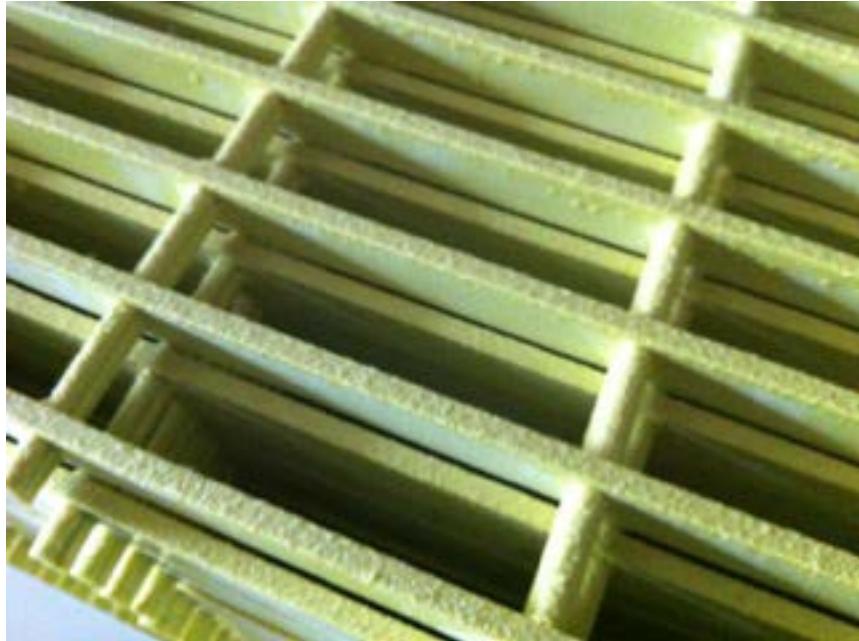


RGRID 8310 1" Fiberglass Grating

RGrid-8310 fiberglass grating is designed for use in environments such as cooling towers where maximizing air flow is important. The Anti-Slip Grit Top - Rectangular bar construction yields 83% open space allowing excellent airflow while still providing 60 lbs. per square foot load capacity on a 36" loading span. In addition, the deflection at 60psf is only 1/8" or about one-half the deflection limit.

RGrid-8310 fiberglass grating is 1" tall, weighs only 2.15 lbs. per square foot with grating bars spaced at 1.875", center to center. The grating can be safely used for maintenance walkways and access platforms.

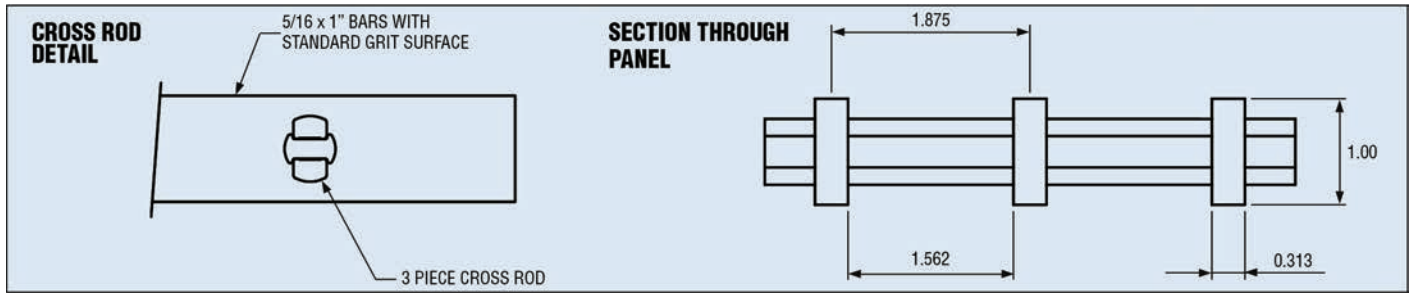
R-8310 fiberglass grating is produced in safety yellow color allowing excellent visibility for Construction Applications where Safety is a KEY Focus. **R-8310** is Strong, Rot Resistant, Lightweight and can be easily Installed in Minutes. An excellent Long-Term Solution!



- Lightweight
- Flame Retardant
- Rot, Rust & Mildew Resistant
- Easy to Install
- Low in Conductivity
- Low in Maintenance
- Strong

RGRID 8310 1" Fiberglass Grating

Dimensional Details



$A = 2.003 \text{ IN}^2/\text{FT Of Width}$ $I = .0166 \text{ IN}^4/\text{FT Of Width}$ $S = 0.332 \text{ IN}^3/\text{FT Of Width}$

83% Open Area

Approx Weight = 2.15 Lbs/Sq Ft

SPAN INCHES		LOAD IN LBS - DEFLECTION IN INCHES													MAXIMUM RECOMMENDED LBS
		50	100	150	200	300	400	500	750	1000	2000	3000	4000	5000	
12	ΔU	0.002	0.003	0.005	0.008	0.011	0.015	0.018	0.027	0.035	0.068	0.103	0.137	0.173	8200
	ΔC	0.003	0.005	0.009	0.012	0.018	0.023	0.029	0.042	0.055	0.111	0.166	0.221	0.275	4100
18	ΔU	0.007	0.015	0.023	0.031	0.045	0.060	0.075	0.112	0.148	0.295	0.444	0.591	0.737	3600
	ΔC	0.008	0.017	0.025	0.032	0.046	0.064	0.078	0.119	0.158	0.314	0.471	0.631	0.788	2700
24	ΔU	0.023	0.046	0.068	0.091	0.136	0.181	0.224	0.336	0.448	0.890	1.347			2000
	ΔC	0.019	0.035	0.055	0.071	0.109	0.145	0.181	0.268	0.358	0.719	1.077	1.436		2000
30	ΔU	0.053	0.104	0.159	0.212	0.315	0.421	0.528	0.792	1.054					1280
	ΔC	0.035	0.069	0.102	0.136	0.204	0.271	0.337	0.505	0.674	1.351				1600
36	ΔU	0.107	0.212	0.318	0.521	0.634	0.845	1.055	1.582						870
	ΔC	0.057	0.114	0.170	0.224	0.337	0.450	0.562	0.844	1.127					1300
42	ΔU	0.195	0.390	0.584	0.777	1.168	1.555								630
	ΔC	0.088	0.177	0.268	0.355	0.534	0.712	0.888	1.332						1100
48	ΔU	0.331	0.662	0.992	1.323										500
	ΔC	0.133	0.264	0.398	0.530	0.794	1.058	1.323							1000
54	ΔU	0.525	1.054	1.579											400
	ΔC	0.188	0.376	0.562	0.750	1.122	1.498								900