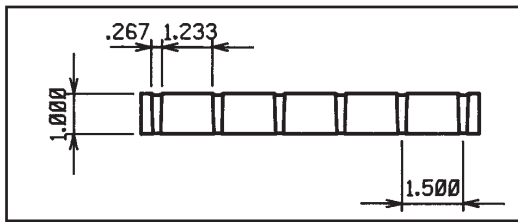


# 1" SM

TYPE	BEARING BAR DEPTH	NO. BARS PER FOOT	BEARING SPACE	% OPEN WEIGHT	APPROX.	RESIN	COLOR
1" SM GF (or) 1" SM PG (or) 1"SM VF	1.00"	8	1.50"	67%	2.5#/SF FIRE RETARDENT	GENERAL PURPOSE	DARK GRAY (GF)
AVAILABLE PANEL SIZES: 4' X 12'						POLYESTER FIRE RETARDENT	GREEN (PF)
						VINYLESTER FIRE RETARDANT	ORANGE (VF)

## LOAD/DEFLECTION TABLE

SPAN INCHES												
	U/C100	200	250	300	350	400	450	500	750	1000	1250	2000
12"	ΔU .014	.029	.036	.043	.051	.058	.065	.073	.118	.161	.202	.323
	ΔC .023	.046	.058	.069	.081	.092	.104	.117	.188	.258	.323	.517
18"	ΔU .042	.084	.106	.127	.148	.169	.190	.216	.345	.474	.593	.950
	ΔC .045	.090	.113	.135	.158	.180	.203	.230	.368	.506	.632	
24"	ΔU .110	.220	.275	.330	.385	.440	.495	.561	.899			
	ΔC .088	.176	.220	.264	.308	.352	.396	.449	.719	.989		
30"	ΔU .269	.538	.672	.806	.941							
	ΔC .172	.344	.430	.516	.602	.688	.774	.878				
36"	ΔU .543											
	ΔC .289	.580	.725	.870								
42"	ΔU .984											
	ΔC .450	.900										
48"	ΔU											
	ΔC .625											



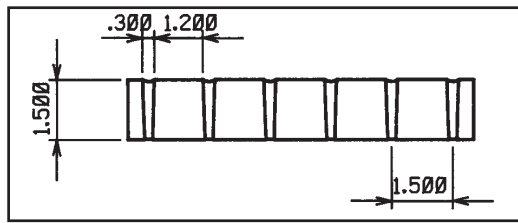
LOADINGS LEFT OF THE VERTICAL LINE DEFLECT LESS THAN .25"  
 C = CONCENTRATED LOAD LBS/FT OF WIDTH  
 ΔC DEFLECTION UNDER CONCENTRATED LOAD (INCHES)  
 U = UNIFORM LOAD LBS/SQ FT  
 ΔU DEFLECTION UNDER UNIFORM LOAD (INCHES)

# 1 1/2" SM

TYPE	BEARING BAR DEPTH	NO. BARS PER FOOT	BEARING BAR CENTER	% OPEN SPACE	APPROX. WEIGHT	RESIN	COLOR
1 1/2" SM GF (or) 1 1/2" SM PG (or) 1 1/2"SM VF	1.50"	8	1.50"	64%	3.8#/SF	GENERAL PURPOSE FIRE RETARDENT	DARK GRAY (GF)
AVAILABLE PANEL SIZES: 4' X 12', 5' X 10' 3' X 10', 4' X 8'						POLYESTER FIRE RETARDENT	GREEN (PF)
						VINYLESTER FIRE RETARDANT	ORANGE (VF)

## LOAD/DEFLECTION TABLE

SPAN INCHES												
	U/C100	200	250	300	350	400	450	500	750	1000	1250	2000
12"	ΔU .006	.013	.015	.019	.021	.024	.026	.028	.043	.063	.078	.125
	ΔC .010	.020	.024	.030	.033	.038	.042	.044	.068	.100	.125	.200
18"	ΔU .016	.030	.038	.043	.053	.056	.066	.072	.108	.159	.199	.319
	ΔC .017	.032	.041	.046	.056	.060	.070	.077	.115	.170	.212	.340
24"	ΔU .031	.062	.076	.093	.107	.123	.138	.154	.232	.309	.388	.617
	ΔC .025	.049	.062	.074	.086	.099	.111	.123	.185	.247	.309	.493
30"	ΔU .069	.133	.161	.200	.225	.258	.305	.344	.484	.688	.859	
	ΔC .044	.085	.103	.128	.144	.165	.195	.220	.310	.440	.550	.880
36"	ΔU .130	.261	.326	.390	.456	.521	.587	.650	.977			
	ΔC .069	.139	.174	.208	.243	.278	.313	.347	.521	.695	.868	
42"	ΔU .250	.514	.613	.772	.853							
	ΔC .117	.235	.280	.353	.390	.471	.515	.573	.850			
48"	ΔU .448	.896										
	ΔC .179	.358	.448	.538	.627	.717	.806	.896				
54"	ΔU .731											
	ΔC .260	.520	.650	.761	.905							
60"	ΔU											
	ΔC .355	.709	.887									



LOADINGS LEFT OF THE VERTICAL LINE DEFLECT LESS THAN .25"  
 C = CONCENTRATED LOAD LBS/FT OF WIDTH  
 ΔC DEFLECTION UNDER CONCENTRATED LOAD (INCHES)  
 U = UNIFORM LOAD LBS/SQ FT  
 ΔU DEFLECTION UNDER UNIFORM LOAD (INCHES)