



Carbon Capability Chart

OD	Square	Rectangle	Ovals	Shapes	Gauge										
					20	18	16	14	13	12	11	10	9	8	7
					0.035	0.049	0.065	0.083	0.095	0.109	0.120	0.134	0.148	0.165	0.180
0.750					0.267	0.367	0.476	0.591	0.665						
0.787					0.281	0.386	0.501	0.624	0.702						
0.866					0.311	0.428	0.556	0.694	0.782						
0.875					0.314	0.432	0.562	0.702	0.791	0.892					
0.937	0.750				0.337	0.465	0.605	0.757	0.854	0.964					
0.995					0.359	0.495	0.646	0.808	0.913	1.031	1.121				
1.000	0.812				0.361	0.498	0.649	0.813	0.918	1.037	1.128				
1.050					0.379	0.524	0.684	0.857	0.969	1.095	1.192				
1.125	0.875	0.750 x 1.000			0.407	0.563	0.736	0.924	1.045	1.183	1.288				
1.125		0.875 x 1.000			0.407	0.563	0.736	0.924	1.045	1.183	1.288				
1.188					0.431	0.596	0.780	0.980	1.109	1.256	1.369				
1.220					0.443	0.613	0.802	1.008	1.141	1.293	1.410				
1.250	1.000	0.750 x 1.250			0.454	0.629	0.823	1.034	1.172	1.328	1.448				
1.250	0.984	0.500 x 1.500			0.454	0.629	0.823	1.034	1.172	1.328	1.448				
1.250		0.630 x 1.375			0.454	0.629	0.823	1.034	1.172	1.328	1.448				
1.290		0.625 x 1.375			0.469	0.649	0.850	1.070	1.212	1.375	1.499				
1.312					0.477	0.661	0.866	1.089	1.235	1.400	1.528	1.686			
1.312		1.063 x 1.181			0.477	0.661	0.866	1.089	1.235	1.400	1.528				
1.345					0.490	0.678	0.889	1.119	1.268	1.439	1.570	1.733			
1.350					0.492	0.681	0.892	1.123	1.273	1.445	1.576	1.740			
1.360					0.495	0.686	0.899	1.132	1.283	1.456	1.589	1.755			
1.375				Trapezoid	0.501	0.694	0.909	1.145	1.299	1.474	1.608	1.776			
1.381					0.503	0.697	0.914	1.151	1.305	1.481	1.616	1.785			
1.400					0.510	0.707	0.927	1.167	1.324	1.503	1.640	1.812			
1.400		0.750 x 1.500			0.510	0.707	0.927	1.167	1.324	1.503	1.640				
1.400		1.000 x 1.250			0.510	0.707	0.927	1.167	1.324	1.503	1.640				
1.425					0.520	0.720	0.944	1.190	1.349	1.532	1.672	1.848			
1.445					0.527	0.731	0.958	1.207	1.370	1.555	1.698	1.876			
1.500					0.548	0.759	0.996	1.256	1.426	1.619	1.769	1.955			
1.510					0.551	0.765	1.003	1.265	1.436	1.631	1.781	1.969			
1.562					0.571	0.792	1.039	1.311	1.488	1.691	1.848	2.044			
1.562	1.250	1.000 x 1.500			0.571	0.792	1.039	1.311	1.488	1.691	1.848				
1.600					0.585	0.812	1.066	1.345	1.527	1.736	1.897	2.098			
1.625					0.594	0.825	1.083	1.367	1.552	1.765	1.929	2.134			
1.660					0.607	0.843	1.107	1.398	1.588	1.806	1.974	2.184			
1.681					0.615	0.854	1.122	1.417	1.609	1.830	2.001	2.214			
1.695					0.621	0.861	1.132	1.429	1.623	1.846	2.019	2.234			
1.740					0.637	0.885	1.163	1.469	1.669	1.899	2.076	2.298			
1.750					0.641	0.890	1.170	1.478	1.679	1.910	2.089	2.313			
1.750		0.750 x 2.000			0.641	0.890	1.170	1.478	1.679	1.910	2.089				
1.750		0.890 x 1.920			0.641	0.890	1.170	1.478	1.679	1.910	2.089				
1.750		0.867 x 1.890			0.641	0.890	1.170	1.478	1.679	1.910	2.089				
1.756					0.643	0.893	1.174	1.483	1.685	1.917	2.097	2.321			
1.772					0.649	0.902	1.185	1.497	1.701	1.936	2.117	2.344			
1.875					0.688	0.956	1.257	1.589	1.806	2.056	2.249	2.492			



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					0.035	0.049	0.065	0.083	0.095	0.109	0.120	0.134	0.148	0.165	0.180
1.875	1.500	1.250 x 1.750			0.688	0.956	1.257	1.589	1.806	2.056	2.249				
1.900		1.000 x 2.000			0.697	0.969	1.274	1.611	1.831	2.085	2.281				
1.910					0.701	0.974	1.281	1.620	1.841	2.097	2.294	2.542			
1.968					0.723	1.004	1.321	1.671	1.900	2.164	2.368	2.625			
2.000					0.735	1.021	1.343	1.699	1.933	2.201	2.409	2.670			
2.000		1.500 x 1.750	0.832 x 2.485	Flat Oval	0.735	1.021	1.343	1.699	1.933	2.201	2.409				
2.063					0.758	1.054	1.387	1.755	1.996	2.274	2.490	2.760			
2.063		1.250 x 2.000			0.758	1.054	1.387	1.755	1.996	2.274	2.490				
2.125					0.781	1.086	1.430	1.810	2.060	2.347	2.570	2.849			
2.126					0.782	1.087	1.431	1.811	2.061	2.348	2.571	2.851			
2.188					0.805	1.119	1.473	1.866	2.123	2.420	2.650	2.939			
2.188	1.750				0.805	1.119	1.473	1.866	2.123	2.420	2.650				
2.188		1.000 x 2.500			0.805	1.119	1.473	1.866	2.123	2.420	2.650				
2.197					0.808	1.124	1.480	1.874	2.133	2.431	2.662	2.952			
2.197		1.500 x 2.000			0.808	1.124	1.480	1.874	2.133	2.431	2.662				
2.250					0.828	1.152	1.517	1.921	2.186	2.492	2.730	3.028			
2.375					0.875	1.217	1.604	2.032	2.313	2.638	2.890	3.207	3.520		
2.375		1.250 x 2.500			0.875	1.217	1.604	2.032	2.313	2.638	2.890				
2.375		1.000 x 2.750			0.875	1.217	1.604	2.032	2.313	2.638	2.890				
2.415					0.890	1.238	1.631	2.067	2.354	2.684	2.941	3.264	3.583		
2.429					0.895	1.246	1.641	2.080	2.368	2.701	2.959	3.284	3.605		
2.437					0.898	1.250	1.647	2.087	2.376	2.710	2.969	3.296	3.618		
2.500					0.921	1.283	1.690	2.143	2.440	2.783	3.050	3.386	3.718	4.115	
2.500	2.000	1.500 x 2.500			0.921	1.283	1.690	2.143	2.440	2.783	3.050				
2.500		1.000 x 3.000			0.921	1.283	1.690	2.143							
2.625						1.348	1.777	2.253	2.567	2.929	3.210	3.565	3.915		
2.625		1.250 x 3.000				1.348	1.777	2.253	2.567	2.929	3.210				
2.750						1.413	1.864	2.364	2.694	3.074	3.371	3.744	4.113		
2.750	2.250					1.413	1.864	2.364	2.694	3.074	3.371				
2.875						1.479	1.951	2.475	2.821	3.220	3.531	3.923	4.310	4.776	
2.875		1.500 x 3.000				1.479	1.951	2.475							
2.950						1.518	2.003	2.541	2.897	3.307	3.627	4.030	4.429	4.908	
2.960						1.523	2.010	2.550	2.907	3.319	3.640	4.044	4.445	4.925	
2.972						1.530	2.018	2.561	2.919	3.333	3.655	4.062	4.464	4.946	
3.000						1.544	2.037	2.586	2.947	3.365	3.691	4.102	4.508	4.996	
3.000			1.250 x 4.000	Flat Oval		1.544	2.037	2.586	2.947	3.365	3.691				
3.000			1.604 x 3.888	Flat Oval		1.544	2.037	2.586	2.947	3.365	3.691				
3.045						1.568	2.069	2.626	2.993	3.418	3.749	4.166	4.579	5.075	
3.125						1.610	2.124	2.697	3.074	3.511	3.851	4.280	4.706	5.216	
3.125	2.500	2.000 x 3.000				1.610	2.124	2.697	3.074	3.511	3.851				
3.250						1.675	2.211	2.807	3.201	3.657	4.011	4.459	4.903	5.436	
3.250		2.450 x 3.110				1.675	2.211	2.807	3.201	3.657	4.011				
3.375						1.741	2.298	2.918	3.328	3.802	4.172	4.638	5.101	5.657	
3.500						1.806	2.385	3.029	3.455	3.948	4.332	4.817	5.298	5.877	
3.500		1.500 x 4.000				1.806	2.385	3.029	3.455	3.948	4.332				



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					20	18	16	14	13	12	11	10	9	8	7
					0.035	0.049	0.065	0.083	0.095	0.109	0.120	0.134	0.148	0.165	0.180
3.531						1.822	2.406	3.056	3.486	3.984	4.372	4.862	5.347	5.932	
3.625						1.871	2.471	3.140	3.582	4.093	4.492	4.996	5.496	6.097	
3.750						1.937	2.558	3.251	3.708	4.239	4.652	5.175	5.693	6.317	
3.750			2.480 x 4.830	Ellipse		1.937	2.558	3.251	3.708	4.239	4.652				
3.750			3.000 x 4.429	Flat Oval		1.937	2.558	3.251	3.708	4.239	4.652				
3.961						2.047	2.705	3.438	3.922	4.484	4.923	5.477	6.027	6.689	
4.000						2.068	2.732	3.472	3.962	4.530	4.973	5.533	6.089	6.758	7.344
4.125							2.818	3.583	4.089	4.675	5.133	5.712	6.286	6.978	7.584
4.250							2.905	3.694	4.216	4.821	5.293	5.890	6.484	7.199	7.824
4.500							3.079	3.915	4.469	5.112	5.613	6.248	6.879	7.639	8.305
4.750							3.252	4.137	4.723	5.403	5.934	6.606	7.274	8.080	8.785
5.000							3.426	4.359	4.977	5.694	6.254	6.964	7.669	8.520	9.266
5.000	4.000						3.426	4.359	4.977	5.694	6.254				
5.291							3.628	4.617	5.272	6.032	6.627	7.380	8.129	9.033	9.825
5.500							3.773	4.802	5.484	6.276	6.895	7.679	8.460	9.401	10.227
6.000							4.120	5.245	5.991	6.858	7.536	8.395	9.250	10.282	11.188

Note: Some material types, strength levels and flash control are not available in all gauges and sizes.

Please contact your Sales Representative for custom shapes or any size not listed.

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