



## ROUND, SQUARE AND RECTANGULAR MECHANICAL & STRUCTURAL CAPABILITIES

HR, HRP&O, CR & GALVANIZED

This table is based on current or in-process capabilities produced in accordance with specification of ASTM A513 or A500  
We invite your inquiry for other sizes and gauges.

OUTSIDE DIAMETER	NOMINAL WALL THICKNESS & WEIGHT PER FOOT													
	20 GA	18 GA	16 GA	15 GA	14 GA	13 GA	12 GA	11 GA	1/8	10 GA	9 GA	8 GA	7GA	3/16
	0.035	0.049	0.065	0.072	0.083	0.095	0.109	0.120	0.125	0.134	0.148	0.165	0.180	0.188
1.000"-rd	0.361	0.498	0.649	0.714	0.813	0.918	1.037	1.128	1.168					
1.050"-rd	0.379	0.524	0.684	0.752	0.857	0.969	1.095	1.192	1.235					
1.250"-rd	0.454	0.629	0.823	0.906	1.034	1.172	1.328	1.448	1.502	1.597	1.742	1.912		
1.315"-rd	0.478	0.663	0.868	0.956	1.092	1.238	1.404	1.532	1.589	1.690	1.845	2.027		
1.500"-rd	0.548	0.759	0.996	1.098	1.256	1.426	1.619	1.769	1.836	1.955	2.137	2.353	2.538	2.634
1.660"-rd		0.843	1.107	1.221	1.398	1.588	1.806	1.974	2.049	2.184	2.390	2.634	2.845	2.956
1.900"-rd		0.969	1.274	1.406	1.611	1.831	2.085	2.281	2.370	2.527	2.769	3.057	3.307	3.437
2.000"-rd		1.021	1.343	1.483	1.699	1.933	2.201	2.409	2.503	2.670	2.927	3.234	3.499	3.638
2.375"-rd		1.217	1.604	1.771	2.032	2.313	2.638	2.890	3.004	3.207	3.520	3.894	4.220	4.391
2.500"-rd		1.283	1.690	1.867	2.143	2.440	2.783	3.050	3.171	3.386	3.718	4.115	4.460	4.642
2.875"-rd		1.479	1.951	2.155	2.475	2.821	3.220	3.531	3.671	3.923	4.310	4.776	5.181	5.395
3.500"-rd					3.029	3.455	3.948	4.332	4.506	4.817	5.298	5.877	6.382	6.650
1.00"-sq	0.459	0.634	0.827	0.909	1.035	1.169	1.321	1.311	1.352					
1.25"-sq	0.578	0.800	1.048	1.153	1.317	1.492	1.691	1.719	1.777	1.878				
1.50" x 1.00"	0.578	0.800	1.048	1.153	1.317	1.492	1.691	1.719	1.777	1.878				
1.50"-sq	0.697	0.967	1.269	1.398	1.600	1.815	2.062	2.128	2.202	2.334	2.532	2.760	2.950	3.048
2.00" x 1.00"	0.697	0.967	1.269	1.398	1.600	1.815	2.062	2.128	2.202	2.334	2.532	2.760	2.950	3.048
1.50" x 2.00"	0.816	1.134	1.490	1.643	1.882	2.138	2.433	2.536	2.628	2.79	3.035	3.321	3.563	3.687
2.00"-sq	1.300	1.711	1.888	2.105	2.384	2.701	2.944	3.053	3.246	3.539	3.883	4.175	4.327	
2.50" x 1.50"	1.300	1.711	1.888	2.105	2.384	2.701	2.944	3.053	3.246	3.539	3.883	4.175	4.327	
3.00" x 1.00"	1.300	1.711	1.888	2.105	2.384	2.701	2.944	3.053	3.246	3.539	3.883	4.175	4.327	
3.00" x 1.50"					2.388	2.707	3.072	3.353	3.479	3.702	4.042	4.444	4.788	4.967
2.50"-sq					2.670	3.031	3.443	3.761	3.904	4.158	4.546	5.005	5.400	5.606
2.00" x 3.00"					2.670	3.031	3.443	3.761	3.904	4.158	4.546	5.005	5.400	5.606
3.00"-sq					3.235	3.677	4.185	4.578	4.755	5.070	5.553	6.128	6.625	6.886
2.00" x 4.00"					3.235	3.677	4.185	4.578	4.755	5.070	5.553	6.128	6.625	6.886
3.50"-sq					3.800	4.324	4.927	5.394	5.605	5.982	6.560	7.251	7.850	8.165
2.00" x 5.00"					3.800	4.324	4.927	5.394	5.605	5.982	6.560	7.251	7.850	8.165
3.00" x 4.00"					3.800	4.324	4.927	5.394	5.605	5.982	6.560	7.251	7.850	8.165
4.00"-sq					4.365	4.970	5.669	6.211	6.456	6.894	7.568	8.374	9.075	9.445
2.00" x 6.00"					4.365	4.970	5.669	6.211	6.456	6.894	7.568	8.374	9.075	9.445
3.00" x 5.00"					4.365	4.970	5.669	6.211	6.456	6.894	7.568	8.374	9.075	9.445

A500 PIPE SIZES					
Nominal Pipe Size	OD	Schedule 10		Schedule 40	
		Wall	WPF	Wall	WPF
3/4"	1.050"	0.083	0.857	0.113	1.131
1"	1.312"	0.109	1.404	0.133	1.679
1-1/4"	1.660"	0.109	1.806	0.140	2.273
1-1/2"	1.900"	0.109	2.085	0.145	2.718
2"	2.375"	0.109	2.638	0.154	3.653
2-1/2"	2.875"	0.120	3.531	0.203	5.793

The weight per foot for shape sizes are shown as:

ASTM A513 =   
 ASTM A500 =

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