

Sizes Inch	Thickness Inch	Weight lb/ft	Pieces /Bdls	Sizes Inch	Thickness Inch	Weight lb/ft	Pieces /Bdls	Sizes Inch	Thickness Inch	Weight Inch	Pieces /Bdls	Sizes Inch	Thickness Inch	Weight Inch	Pieces/ Inch			
1 1/2" X 3/4"	0.065	0.936	100	2 1/2" X 1 1/2"	0.065	1.711	81	5" X 3"	0.109	5.807	30	8" X 6"	0.188	17.080	9			
	0.072	1.057	100		0.072	1.937	64		0.120	6.460	24		0.203	18.400	9			
	0.080	1.156	100		0.080	2.109	64		0.134	7.103	20		0.250	22.400	6			
	0.083	1.176	100		0.083	2.164	64		0.148	7.560	20		0.313	27.590	6			
	0.090	1.291	64		0.090	2.363	49		0.188	9.420	16		0.375	32.580	4			
	0.095	1.331	64		0.095	2.461	49		0.203	10.120	16		0.500	42.100	4			
	0.109	1.506	64		0.109	2.803	49		0.250	12.200	10		0.188	19.630	6			
	0.120	1.640	64		0.120	3.050	49		0.313	14.830	10		0.203	21.160	6			
2" X 1"	0.065	1.269	100	3" X 2"	0.134	3.401	49	6" X 3"	0.109	6.548	16	10" X 6"	0.250	25.800	4			
	0.072	1.434	100		0.148	3.727	49		0.120	7.195	16		0.313	31.840	4			
	0.080	1.565	100		0.080	2.653	49		0.134	8.014	16		0.375	37.690	4			
	0.083	1.599	100		0.083	2.728	49		0.148	8.830	16		0.500	48.900	2			
	0.090	1.751	64		0.090	2.975	36		0.188	10.700	16		0.188	19.630	4			
	0.095	1.815	64		0.095	3.107	36		0.203	11.500	12		0.203	21.160	4			
	0.109	2.062	64		0.109	3.544	36		0.250	13.900	12		0.250	25.800	4			
	0.120	2.250	64		0.120	3.900	36		0.313	16.960	12		0.313	31.840	2			
2" X 1 1/4"	0.134	2.489	49	4" X 2"	0.134	4.312	25	6" X 4"	0.120	8.012	20	12" X 4"	0.375	37.690	2			
	0.148	3.057	49		0.148	4.734	25		0.134	8.926	16		0.500	48.900	2			
	0.065	1.379	100		0.188	5.600	25		0.148	9.837	16		0.188	22.220	4			
	0.072	1.537	100		0.203	6.466	25		0.188	11.970	16		0.203	23.920	4			
	0.080	1.701	100		0.080	3.198	36		0.203	12.880	12		0.250	29.200	4			
	0.083	1.740	100		0.083	3.293	36		0.250	15.600	12		0.313	36.120	2			
	0.090	1.904	64		0.090	3.588	30		0.313	19.080	9		0.375	42.750	2			
	0.095	1.976	64		0.095	3.753	30		0.375	22.370	9		0.500	55.600	2			
2" X 1 1/4"	0.109	2.247	64	4" X 2"	0.109	4.323	30	6" X 4"	0.188	14.530	12	12" X 6"	0.188	24.770	4			
	0.120	2.460	64		0.120	4.750	25		0.203	15.640	9		0.203	26.680	4			
	0.134	2.771	49		0.134	5.223	25		0.250	19.000	9		0.250	32.600	4			
	0.148	3.039	49		0.148	5.740	25		0.313	23.340	6		0.313	40.370	2			
					0.188	6.870	20		0.375	27.480	6		0.375	47.850	2			
					0.203	7.847	20		0.500	38.155	4		0.500	62.400	2			

- TOLERANCES** : Permissible variations in outside flat dimensions as below
  - 2 1/2" (65mm) or under = ± 0.50mm (0.020 Inch)
  - Greater than 2 1/2" to 3 1/2" = ± 0.60mm (0.025 Inch)
  - Greater than 3 1/2" to 5 1/2" = ± 0.80mm (0.030 Inch)
  - Greater than 5 1/2" = 0.01 times of large flat dimension

Minimum wall thickness - 10% of specified (Applicable to the centers of the flats)
  
- PROPERTIES** :
  - a) Chemical = (Max.) C-0.30%, Mn-1.40%, S-0.045%, P-0.045%, Cu-0.18% min., (For A,B & D type)  
C - 0.27%, Mn - 1.40%, S - 0.045%, P - 0.045%, Cu - 0.18% min., (For C Type)
  - b) Mechanical = (Min.) For Grade A = UTS - 310 Mpa (45000 PSI), YS - 270 Mpa (39000 PSI) & Elongation - 25%  
For Grade B = UTS - 400 Mpa (58000 PSI), YS - 315 Mpa (46000 PSI) & Elongation - 23%  
For Grade C = UTS - 425 Mpa (62000 PSI), YS - 345 Mpa (50000 PSI) & Elongation - 21%  
For Grade D = UTS - 400 Mpa (58000 PSI), YS - 250 Mpa (36000 PSI) & Elongation - 23%

**Color marked sizes can also be manufactured in Pre-Galvanized with zinc coating Z275 (275gm/m<sup>2</sup>)**
  
- RADIUS OF CORNER** : 3 times the nominal wall thickness (Maximum)
- STRAIGHTNESS** : 1/8" times the number of feet of total length divided by 5.
- WORKMANSHIP** : Free from overlap, lamination, tool / roll marks, pin holes, open seams & other harmful defects.
- PACKING** : Box type.
- MARKING** : We can do on line stenciling as per this standard & as per customer needs at one meter interval.
- MILL TEST CERTIFICATE** : We can issue a MTC, certifying that the tubes supplied comply with this standard.