



RECTANGULAR STRUCTURAL PROFILE

More resistance.
A true fact.



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In TUNA we utilize the cold formed process to manufacture Rectangular Structural Profiles.

All our manufacturing processes are subject to strict quality controls that include tests to guarantee the required structural resistance of the products, in order to meet national and international norms and standards.



DATA SHEET

PROFILE DIMENTIONS AND PROPERTIES

DIMENSIONS	COLOR	NOMINAL THICKNESS	GAUGE	WEIGHT		ITEMS/PACKAGE	KGS/PACKAGE	
				inch	kg/m kg/6m			
1X1	25X25	WHITE	0.075	14	1.41	8.46	100	846.00
		GREEN	0.090	13	1.55	9.3	100	930.00
		RED	0.135	10	2.37	14.22	81	1151.82
1 1/4X1 1/4	32X32	BLUE	0.075	14	1.87	11.22	56	628.32
		WHITE	0.090	13	2.22	13.32	56	745.92
		GREEN	0.105	12	2.57	15.42	56	863.52
		RED	0.120	11	2.87	17.22	42	723.24
1 1/2X1 1/2	38X38	BLUE	0.075	14	2.11	12.66	56	708.96
		WHITE	0.105	12	2.82	16.92	56	947.52
		GREEN	0.120	11	3.18	19.08	49	934.92
		RED	0.150	9	3.81	22.86	42	960.12
2X2	51X51	BLUE	0.075	14	2.85	17.1	42	718.20
		WHITE	0.105	12	3.89	23.34	42	980.28
		GREEN	0.120	11	4.38	26.28	36	946.08
		RED	0.150	7	5.33	31.98	30	959.4
2 1/2X2 1/2	64X64	BLUE	0.075	14	3.58	21.48	42	902.16
		WHITE	0.120	11	5.61	33.66	30	1009.80
		GREEN	0.135	10	6.23	37.38	30	1121.40
		RED	0.188	7	8.31	49.86	20	997.2
3X3	76X76	BLUE	0.075	14	4.37	26.22	36	943.92
		WHITE	0.120	11	7.06	42.36	24	1016.64
		GREEN	0.150	9	8.37	50.22	20	1004.4
		RED	0.188	7	10.20	61.2	20	1224
3X2	76X51	BLUE	0.075	14	3.51	21.06	20	884.5
		WHITE	0.120	11	5.61	33.66	30	1009.8
		GREEN	0.141	9	6.85	41.1	20	822
		RED	0.188	7	8.31	49.86	25	1246.5
4X2	102X51	BLUE	0.075	14	4.59	27.54	36	991.4
		WHITE	0.120	11	7.12	42.72	24	1025.28
		GREEN	0.150	9	8.62	51.72	20	1034.4
		RED	0.188	7	10.20	61.2	20	1224
4X1.5	102X38	BLUE	0.075	14	4.04	24.24	30	727.2
		WHITE	0.090	13	4.74	28.44	30	853.2

PHYSICAL AND CHEMICAL REQUIREMENTS

NORM	ASTM-A500 NMX-B-199
GRADE A	
TENSION RESISTANCE MIN. kg/cm ² (lb/in ²)	3164 (45,000)
FLUENCY LIMIT MIN. kg/cm ² (lb/in ²)	2742 (39,000)
% OF ELONGATION MIN. EN 2"	25

MAX. % OF CHEMICALS GRADE A.

CARBON	0.260
MANGANESE	0.950
PHOSPHORUS	0.035
SULFUR	0.035

USES

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