

Product Weight Conversions for KYDEX® sheet

For information applicable to KYDEX® FST please refer to 300 series Technical Briefs.

TB - 148

Conversion Table:

Product Weight Conversion Factors Domestic Price List

Product		KYDEX® 110, 110 MB, XD03	KYDEX® 321	KYDEX® FST	KYDEX® 100, 311, 311 MB, 331, 331d, 6185, T, T MB, V, V103, XD, XD MB	KYDEX® 152 WG	KYDEX® 6200, 6200d	KYDEX® 6565	KYDEX® 5555, 5555 MB
Specific Gravity g/cm ³		1.31	1.33	1.34	1.35	1.37	1.40	1.48	1.52
Thickness		lbs / sq ft							
inches	mm								
0.028	0.7	0.1908	0.1937	0.1952	0.1966	0.1996	0.2039	0.2156	0.2214
0.040	1.0	0.2726	0.2768	0.2788	0.2809	0.2851	0.2913	0.3080	0.3163
0.060	1.5	0.4089	0.4151	0.4183	0.4214	0.4276	0.4370	0.4620	0.4745
0.080	2.0	0.5452	0.5535	0.5577	0.5619	0.5702	0.5827	0.6160	0.6326
0.093	2.4	0.6338	0.6435	0.6483	0.6532	0.6628	0.6773	0.7160	0.7354
0.100	2.5	0.6815	0.6919	0.6971	0.7023	0.7127	0.7283	0.7699	0.7908
0.118	3.0	0.8042	0.8165	0.8226	0.8287	0.8410	0.8594	0.9085	0.9331
0.125	3.2	0.8519	0.8649	0.8714	0.8779	0.8909	0.9104	0.9624	0.9884
0.156	4.0	1.0631	1.0794	1.0875	1.0956	1.1118	1.1362	1.2011	1.2336
0.187	4.7	1.2744	1.2939	1.3036	1.3133	1.3328	1.3620	1.4398	1.4787
0.197	5.0	1.3426	1.3631	1.3733	1.3836	1.4041	1.4348	1.5168	1.5578
0.236	6.0	1.6084	1.6329	1.6452	1.6575	1.6820	1.7188	1.8171	1.8662
0.250	6.4	1.7038	1.7298	1.7428	1.7558	1.7818	1.8208	1.9249	1.9769
0.276	7.0	1.8810	1.9097	1.9240	1.9384	1.9671	2.0102	2.1250	2.1825
0.312	7.9	2.1263	2.1588	2.1750	2.1912	2.2237	2.2724	2.4022	2.4672
0.325	8.3	2.2149	2.2487	2.2656	2.2825	2.3163	2.3671	2.5023	2.5700
0.375	9.5	2.5556	2.5947	2.6142	2.6337	2.6727	2.7312	2.8873	2.9653

General Conversion Factor for Any Thickness (see below)

lbs / ft ² / mil	0.006815	0.006919	0.006971	0.007023	0.007127	0.007283	0.007699	0.007908
kg / m ² / mm	1.31	1.33	1.34	1.35	1.37	1.40	1.48	1.52

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For any thickness: To convert to lbs/ft², use the
General Conversion Factor
 for that Product:

EXAMPLE: KYDEX® 100 0.093"(2.36mm) sheet:

$$0.007023 \times 93 \text{ mils} = .6532 \text{ lbs / ft}^2$$

$$1.35 \times 2.36 \text{ mm} = 3.186 \text{ kg / m}^2$$

*Take any Specific Gravity (kg/m²/mm) and divide by 192.22 to get lbs/ft²/mil

1 lb = .45359 kg
1 kg = 2.2046 lb
1 ft ² = .0929 m ²
1 m ² = 10.76439 ft ²

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