

Product Weight Conversions for KYDEX® sheet

For information applicable to KYDEX® FST please refer to 300 series technical briefs.

TB - 101-B

Conversion Table:

| Product | KYDEX® 110, 110 MB, XD03 | KYDEX® FST | KYDEX® 100, 510, 6185, T, T MB, V, V103, XD, XD MB | KYDEX® 152 WG, XD WG | KYDEX® 6200 | KYDEX® 6503, 6565 | KYDEX® 6565d, 5555, 5555 MB | |
|------------------------------------|-----------------------------|--------------------|--|-------------------------|----------------|----------------------|-----------------------------------|--------|
| Specific Gravity g/cm ³ | 1.31 | 1.34 | 1.35 | 1.37 | 1.40 | 1.48 | 1.52 | |
| Thickness | | lbs / sq ft | | | | | | |
| inches | mm | | | | | | | |
| 0.028 | 0.7 | 0.1908 | 0.1952 | 0.1966 | 0.1996 | 0.2039 | 0.2156 | 0.2214 |
| 0.040 | 1.0 | 0.2726 | 0.2788 | 0.2809 | 0.2851 | 0.2913 | 0.3080 | 0.3163 |
| 0.060 | 1.5 | 0.4089 | 0.4183 | 0.4214 | 0.4276 | 0.4370 | 0.4620 | 0.4745 |
| 0.080 | 2.0 | 0.5452 | 0.5577 | 0.5619 | 0.5702 | 0.5827 | 0.6160 | 0.6326 |
| 0.093 | 2.4 | 0.6338 | 0.6483 | 0.6532 | 0.6628 | 0.6773 | 0.7160 | 0.7354 |
| 0.100 | 2.5 | 0.6815 | 0.6971 | 0.7023 | 0.7127 | 0.7283 | 0.7699 | 0.7908 |
| 0.118 | 3.0 | 0.8042 | 0.8226 | 0.8287 | 0.8410 | 0.8594 | 0.9085 | 0.9331 |
| 0.125 | 3.2 | 0.8519 | 0.8714 | 0.8779 | 0.8909 | 0.9104 | 0.9624 | 0.9884 |
| 0.156 | 4.0 | 1.0631 | 1.0875 | 1.0956 | 1.1118 | 1.1362 | 1.2011 | 1.2336 |
| 0.187 | 4.7 | 1.2744 | 1.3036 | 1.3133 | 1.3328 | 1.3620 | 1.4398 | 1.4787 |
| 0.197 | 5.0 | 1.3426 | 1.3733 | 1.3836 | 1.4041 | 1.4348 | 1.5168 | 1.5578 |
| 0.236 | 6.0 | 1.6084 | 1.6452 | 1.6575 | 1.6820 | 1.7188 | 1.8171 | 1.8662 |
| 0.250 | 6.4 | 1.7038 | 1.7428 | 1.7558 | 1.7818 | 1.8208 | 1.9249 | 1.9769 |
| 0.276 | 7.0 | 1.8810 | 1.9240 | 1.9384 | 1.9671 | 2.0102 | 2.1250 | 2.1825 |
| 0.312 | 7.9 | 2.1263 | 2.1750 | 2.1912 | 2.2237 | 2.2724 | 2.4022 | 2.4672 |
| 0.325 | 8.3 | 2.2149 | 2.2656 | 2.2825 | 2.3163 | 2.3671 | 2.5023 | 2.5700 |
| 0.375 | 9.5 | 2.5556 | 2.6142 | 2.6337 | 2.6727 | 2.7312 | 2.8873 | 2.9653 |

General Conversion Factor for Any Sheet Size (in inches)

| Weight Per Sheet Factor (in inches) | 0.0473268 | 0.0484106 | 0.0487719 | 0.0494944 | 0.0505782 | 0.0534684 | 0.0549135 |
|---|---|-----------|-----------|-----------|-----------|-----------|-----------|
| <i>Example: KYDEX® 100 .093 48"x96"</i> | <i>48 x 96 x .093 x .0487719 = 20.9 lbs per sheet</i> | | | | | | |

General Conversion Factor for Any Thickness (see below)

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

For any thickness: To convert to lbs/ft², use the
General Conversion Factor for that Product:
For example: KYDEX 100 0.093"(2.36mm) sheet
 0.007023 x 93 mils = .6532 lbs / ft²
 1.35 x 2.36mm = 3.186 kg / m²

1 lb = .45359 kg
 1 kg = 2.2046 lb
 1 ft² = .0929 m²
 1 m² = 10.76439 ft²

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