

## Product Weight Conversions for KYDEX® Thermoplastic Sheet

### CONVERSION TABLE:

| Product   | KYDEX®<br>110, 110 MB, XD03 | KYDEX®<br>FST | KYDEX®<br>100, 510, 6185, T, T MB,<br>V, V103, XD, XD MB | KYDEX®<br>152WG, XDWG | KYDEX®<br>6200 | KYDEX®<br>6503, 6565 | KYDEX®<br>5555, 5555 MB |        |
|---|-----------------------------|---------------|--|-----------------------|----------------|----------------------|-------------------------|--------|
| Specific Gravity g/cm3  | 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 |
| <b>General Conversion Factor for Any Sheet Size (in inches)</b> |                             |               |  |                       |                |                      |                         |        |
| Weight Per Sheet (Inch)   | 0.0473268                   | 0.0484106     | 0.0487719  | 0.0494944             | 0.0505782      | 0.0534684            | 0.0549135               |        |
| <b>General Conversion Factor for Any Thickness (see below)</b>  |                             |               |  |                       |                |                      |                         |        |
| lbs / ft <sup>2</sup> / mil                                     | 0.006815                    | 0.006971      | 0.007023   | 0.007127              | 0.007283       | 0.007699             | 0.007908                |        |
| kg / m <sup>2</sup> / mm  | 1.31                        | 1.34          | 1.35   | 1.37                  | 1.40           | 1.48                 | 1.52                    |        |



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For any thickness: To convert to lbs/ft<sup>2</sup>, use the  
*General Conversion Factor for that Product:*  
For example: KYDEX 100 0.093"(2.36mm) sheet  
0.007023 x 93 mils = .6532 lbs / ft<sup>2</sup>  
1.35 x 2.36mm = 3.186 kg / m<sup>2</sup>

1 lb = 0.45359 kg  
1 kg = 2.2046 lb  
1 ft<sup>2</sup> = 0.0929 m<sup>2</sup>  
1 m<sup>2</sup> = 10.76439 ft<sup>2</sup>

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