

L x W x Thickness divided by Factor = Sheet Wgt.

Example: ABS = 34" x 47" x .125" divided by 26.63 = lbs/sht

Material	Specific Gravity*	Factor
ABS, Natural (unpigmented)	1.04	26.63
ABS, Pigmented	1.07	25.88
Acetate	1.3	21.3
Acrylic, cell & continuous cast	1.19	23.27
Acrylic, Korad film	1.17	23.67
Acrylic, Pexiglas DR	1.15	24.08
Acrylic, XT copolymer	1.11	24.95
Acrylic / Vinyl	1.31	21.14
Butyrate	1.19	23.27
Polyphenylene Oxide (Noryl)	1.09	25.41
Poly-carbonate	1.2	23.07
Polyethylene, LD	0.92	30.1
Polyethylene, HD	0.96	28.85
Polypropylene	0.9	30.77
Propionate	1.2	23.07
Styrene	1.05	26.37
Surlyn Ionomer	0.94	29.46
Vinyl ARLINFLEX	1.41	19.64

*** These are averages. Specific Gravity varies with material.
Check with material supplier, and then use formula below.**

Formula for Computing Weight per Square Foot

For other materials and different specific gravities use:

Specific Gravity x 5.2 x Thickness = lbs/sf

Example: ABS = 1.04" x 5.2" x .125 = .676 lbs/sf