

"SERVING THE FRP INDUSTRY FOR OVER 30 YEARS"
MEMBERS OF FFA, CMI, SPI, AND SPE

CONVERSION FACTORS

Weight

1 gm (gram)	= 0.0022 lb
	= 0.0353 oz
	= 0.001 Kg
1 lb (pound)	= 16 oz
	= 453.6 gm
	= 0.454 Kg
1 oz (ounce) (avoirdupois)	= 0.0625 lb
	= 28.35 gm
	= 0.0284 Kg
1 Kg (Kilogram)	= 1000 gm
	= 2.205 lb (av)
	= 35.27 oz (av)

5 to p **Volume**

1 cc (cubic centimeter)	= 1 ml (1 milliliter)
1 cc (or ml)	= 0.000264 gallons
1 cc (or ml)	= 0.3338 fluid oz
1 U.S. gallon	= 3786 cubic centimeters (cc)
1 U.S. gallon	= 128 fluid ounces
1 U.S. gallon	= 231 cubic inches
1 fluid oz	= 29.57 cc (or ml)
1 fluid oz	= 0.00781 gallons

1 fluid oz MEK Peroxide*	= 32.2 gm MEK peroxide
1 gm wt MEK Peroxide	= .0309 fluid oz MEK Peroxide
1 cc MEK Peroxide	= 1.11 gm MEK Peroxide
1 gm wt MEK Peroxide	= 0.90 cc MEK Peroxide
1 fluid oz cobalt**	= 30.15 gm wt cobalt
1 gm wt cobalt	= 0.033 fluid oz cobalt
1 cc cobalt	= 1.02 gm cobalt
1 gm wt cobalt	= .99 cc cobalt
1 gallon Polyester Resin (Unpigmented)	= 9.2 lb
1 pound Polyester Resin (Unpigmented)	= 13.89 fluid oz
1 pound Polyester Resin (Unpigmented)	= 411 cc

*9% Active Oxygen
**6% solution

GELCOAT-COVERAGE IN SQUARE FEET
MILS | QUART | GALLON | 5 GALLONS

1	401.3	1605.2	8026
2	200.7	802.6	4013
3	133.8	535.1	2676
4	100.3	401.3	2007
5	80.3	321.0	1605
6	66.9	267.5	1338
7	57.3	229.3	1147
8	50.2	200.7	1004
9	44.6	178.4	892
10	40.1	160.5	803
11	36.5	145.9	730
12	33.5	133.8	669
13	30.9	123.5	618
14	28.7	114.7	574
15	26.8	107.0	535
16	25.1	100.3	502
17	23.6	94.4	472
18	22.3	89.2	446
19	21.1	84.5	423
20	20.1	80.3	402
21	19.1	76.4	382
22	18.3	73.0	365
23	17.5	69.8	349
24	16.7	66.9	335
25	16.1	64.2	321
26	15.4	61.7	309
27	14.9	59.5	298
28	14.3	57.3	287
29	13.9	55.4	277
30	13.4	53.5	268

**Gel Coat
Wet to Cured
Correlation**

APPROX. MILS WET	MILS CURED
10	7
12	8
14	10
16	11
18	13
20	14
24	16
28	19
32	24
36	29

CATALYST CATALYST GUIDELINE
PERCENTAGE | QUART | GALLON | 5 GALLONS

1/2%	4-6 cc	22-26 cc	110-120 cc
1%	8-12 cc	42-47 cc	220-230 cc
1 1/4%	11-14 cc	55-60 cc	275-285 cc
1 1/2%	13-16 cc	65-70 cc	335-345 cc
2%	17-21 cc	86-94 cc	450-460 cc

Units of Area

Unit	Square Inches	Square Feet	Square Yards	Square Centimeter	Square Meters
Sq. Inch	1	0.006944	0.000772	6.45162	0.000645
Sq. Foot	144	1	0.111111	929.034	0.092903
Sq. Yard	1296	9	1	8361.31	0.836131
Sq. Cm	0.155	0.001076	0.00012	1	0.0001
Sq. Meter	1550	10.7639	1.19598	10000	1

Units of Length

Unit	Inches	Feet	Yards	Centimeter	Meters
Inch	1	0.083333	0.027777	2.54	0.0254
Foot	12	1	0.33333	30.48	0.3048
Yard	36	3	1	91.44	0.9144
Mile	63360	5280	1760	160934	1609.34
Cm	0.3937	0.03281	0.01094	1	0.01
Meter	39.37	3.3808	1.09361	100	1

Units of Volume

Unit	Cubic Inches	Cubic Feet	Cubic Yards	Cubic Centimeter
Cubic Inch	1	16.3872
Cubic Foot	1728	1	0.03704	28317
Cubic Yard	46658	27	1	764.559
Cubic Cm	0.06102	1
Cubic Meter	61023	35.314	1.3079	1000000