

**MAYFLOWER SALES COMPANY, INC.**

***Metric Conversion Charts***

**Inches to Millimeters**

Inches	Millimeters	Inches	Millimeters	Inches	Millimeters	Inches	Millimeters	Inches	Millimeters
1	25.40	13	330.20	25	635.00	37	939.80	49	1244.60
2	50.80	14	355.60	26	660.40	38	965.20	50	1270.00
3	76.20	15	381.00	27	685.80	39	990.60	100	2540.00
4	101.60	16	406.40	28	711.20	40	1016.00	200	5080.00
5	127.00	17	431.80	29	736.60	41	1041.40	300	7620.00
6	152.40	18	457.20	30	762.00	42	1066.80	400	10160.00
7	177.80	19	482.60	31	787.40	43	1092.20	500	12700.00
8	203.20	20	508.00	32	812.80	44	1117.60	1000	25400.00
9	228.60	21	533.40	33	838.20	45	1143.00		
10	254.00	22	558.80	34	863.60	46	1168.40		
11	279.40	23	584.20	35	889.00	47	1193.80		
12	304.80	24	609.60	36	914.40	48	1219.20		

**Millimeters to Inches**

MM	Inches	MM	Inches	MM	Inches	MM	Inches	MM	Inches	MM	Inches
1	.0394	16	.6299	31	1.2205	46	1.8110	61	2.4016	76	2.9921
2	.0787	17	.6693	32	1.2598	47	1.8504	62	2.4410	77	3.0315
3	.1181	18	.7087	33	1.2992	48	1.8898	63	2.4803	78	3.0709
4	.1575	19	.7480	34	1.3386	49	1.9291	64	2.5197	79	3.1102
5	.1969	20	.7872	35	1.3780	50	1.9685	65	2.5591	80	3.1496
6	.2362	21	.8268	36	1.4173	51	2.0079	66	2.5984	81	3.1890
7	.2756	22	.8661	37	1.4567	52	2.0472	67	2.6378	82	3.2284
8	.3150	23	.9055	38	1.4961	53	2.0866	68	2.6772	83	3.2677
9	.3543	24	.9449	39	1.5354	54	2.1260	69	2.7165	84	3.3071
10	.3937	25	.9843	40	1.5748	55	2.1654	70	2.7559	85	3.3465
11	.4331	26	1.0236	41	1.6142	56	2.2047	71	2.7953	86	3.3858
12	.4724	27	1.0630	42	1.6535	57	2.2441	72	2.8347	87	3.4252
13	.5118	28	1.1024	43	1.6929	58	2.2835	73	2.8740	88	3.4646
14	.5512	29	1.1417	44	1.7323	59	2.3228	74	2.9134	89	3.5039
15	.5906	30	1.1811	45	1.7717	60	2.3622	75	2.9528	90	3.5433

**Metric Conversion**

Inches to Millimeters = Inches X 25.4

Feet to Centimeters = Feet X 30.48

Millimeters to Inches = Millimeters X .03937

Pounds to Kilograms = Pounds X .4536

**Fractions to Inches to Millimeters**

Fraction	Inches	MM	Fraction	Inches	MM	Fraction	Inches	MM	Fraction	Inches	MM
1/64	.01562	.3969	9/32	.28125	7.1438	35/64	.546875	13.8906	13/16	.8125	20.6375
1/32	.03125	.7938	19/64	.296875	7.5406	9/16	.5625	14.2875	53/64	.828125	21.0344
3/64	.046875	1.1906	5/16	.3125	7.9375	37/64	.578125	14.6844	27/32	.84375	21.4312
1/16	.0625	1.5875	21/64	.328125	8.3344	19/32	.59375	15.0812	55/64	.859375	21.8281
5/64	.078125	1.9844	11/32	.34375	8.7312	39/64	.609375	15.4781	7/8	.875	22.225
3/32	.09375	2.3812	23/64	.359375	9.1281	5/8	.625	15.875	57/64	.890625	22.6219
7/64	.109375	2.7781	3/8	.375	9.525	41/64	.640625	16.2719	29/32	.90625	23.0188
1/8	.125	3.175	25/64	.390625	9.9129	21/32	.65625	16.6688	59/64	.921875	23.4156
9/64	.140625	3.5719	13/32	.40625	10.3188	43/64	.671875	17.0656	15/16	.9375	23.8125
5/32	.15625	3.9688	27/64	.421875	10.7156	11/16	.6875	17.4625	61/64	.953125	24.2094
11/64	.171875	4.3656	7/16	.4375	11.1125	45/64	.703125	17.8594	31/32	.96875	24.6062
3/16	.1875	4.7625	29/64	.453125	11.5094	23/32	.71875	18.2562	63/64	.984375	25.0031
13/64	.203125	5.1591	15/32	.46875	11.9062	47/64	.734375	18.6531	1	1.0	25.40
7/32	.21875	5.5562	31/64	.484375	12.3031	3/4	.75	19.05			
15/64	.234375	5.9531	1/2	.5	12.7	49/64	.765625	19.4469			
1/4	.25	6.35	33/64	.515625	13.0969	25/32	.78125	19.8438			
17/64	.265625	6.7469	17/32	.53125	13.4938	51/64	.796875	20.2406			

**Formulas**

VOLTS x AMPS = WATTS

For example: 24 volts times 1/2 amp = 12 watts

WATTS ÷ OPERATING VOLTAGE = AMPS

For example: 100 watts divided by 120 volts = .83 amps

INCHES (Decimal) x 25.4 = MILLIMETERS (MM)

For example: .250 inches times 25.4 = 6.35 mm

VOLTAGE ÷ RESISTANCE (ohms) = AMPS

For example: 12VDC divided by 42.0 ohms = .28 amps

FEET x 30.48 = CENTIMETERS (CM)

For example: 1.5 feet times 30.48 = 45.72 cm

VOLT/AMPS (VA) ÷ VOLTAGE = AMPS

For example: 20VA divided by 24V = .83 amps

MILLIMETERS x .03937 = INCHES (DECIMAL)

For example: 16 millimeters times .03937 = .62992 inches

POUNDS x .4536 = KILOGRAMS

For example: 114 pounds times .4536 = 51.7104 kilograms