



Standard Wire & Cable Co.

Conversion Tables and Equivalencies

Fractional Inches & Millimeters

Fractional	Decimal	MM
1/64	0.015625	
1/32	0.03125	
	0.03937	1
3/64	0.046875	
1/16	0.0625	
5/64	0.078125	
	0.07874	2
3/32	0.09375	
7/64	0.109375	
	0.11811	3
1/8	0.125	
9/64	0.140625	
5/32	0.15625	
	0.15748	4
11/64	0.171875	
3/16	0.1875	
	0.19685	5
13/64	0.203125	
7/32	0.21875	
15/64	0.234375	
	0.23622	6
1/4	0.25	
17/64	0.265625	
	0.27559	7
9/32	0.28125	
19/64	0.296875	
5/16	0.3125	
	0.31496	8
21/64	0.328125	
11/32	0.34375	
	0.35433	9
23/64	0.359375	
3/8	0.375	
25/64	0.390625	
	0.3937	10
13/32	0.40625	
27/64	0.421875	
	0.43307	11
7/16	0.4375	
29/64	0.453125	
15/32	0.4875	
	0.47244	12
31/64	0.484375	
1/2	0.5	

Fractional	Decimal	MM
33/64	0.515625	
	0.51181	13
17/32	0.53125	
35/64	0.546875	
	0.55118	14
9/16	0.5625	
37/64	0.578125	
	0.59055	15
19/32	0.59375	
39/64	0.609375	
5/8	0.625	
	0.62992	16
41/64	0.640625	
21/32	0.65625	
	0.66929	17
43/64	0.671875	
11/16	0.6875	
45/64	0.703125	
	0.70866	18
23/32	0.71875	
47/64	0.734375	
	0.74803	19
3/4	0.75	
49/64	0.765626	
25/32	0.78125	
	0.7874	20
51/64	0.796875	
13/16	0.8175	
	0.82677	21
53/64	0.828125	
27/32	0.84375	
55/64	0.859375	
	0.86614	22
7/8	0.875	
57/64	0.890625	
	0.90551	23
29/32	0.90625	
59/64	0.921875	
15/16	0.9375	
	0.94488	24
61/64	0.953125	
31/32	0.96875	
	0.98425	25
63/64	0.984375	

Decimal Equivalents of Millimeters

mm	in	mm	in
25	0.9842520	63	2.4803150
26	1.0236220	64	2.5196850
27	1.0629921	65	2.5590551
28	1.1023622	66	2.5984252
29	1.1417323	67	2.6377953
30	1.1811024	68	2.6771654
31	1.2204724	69	2.7165354
32	1.2598425	70	2.7559055
33	1.2992126	71	2.7952756
34	1.3385827	72	2.8346457
35	1.3779528	73	2.8740157
36	1.4173228	74	2.9133858
37	1.4566929	75	2.9527559
38	1.4960630	76	2.9921260
39	1.5354331	77	3.0314961
40	1.5748031	78	3.0708661
41	1.6141732	79	3.1102362
42	1.6535433	80	3.1496063
43	1.6929134	81	3.1889764
44	1.7322835	82	3.2283465
45	1.7716535	83	3.2677165
46	1.8110236	84	3.3070866
47	1.8503937	85	3.3464567
48	1.8897638	86	3.3858268
49	1.9291339	87	3.4251969
50	1.9685039	88	3.4645669
51	2.0078740	89	3.5039370
52	2.0472441	90	3.5433071
53	2.0866142	91	3.5826772
54	2.1259843	92	3.6220472
55	2.1653543	93	3.6614173
56	2.2047244	94	3.7007874
57	2.2440945	95	3.7401575
58	2.2834646	96	3.7795276
59	2.3228346	97	3.8188976
60	2.3622047	98	3.8582677
61	2.4015748	99	3.8976378
62	2.4409449	100	3.9370079

Area

1 square inch	=	6.452 square centimeters
1 square foot	=	0.093 square meter
1 square yard	=	0.836 square meter
1 acre	=	0.405 hectare
1 square mile	=	2.59 square kilometers
1 square kilometer	=	0.386 square mile
1 hectare	=	2.471 acres
1 square meter	=	1.196 square yards

Length

1 inch	=	2.54 centimeters
1 foot	=	0.305 meter
1 yard	=	0.914 meter
1 mile	=	1.609 kilometers
1 nautical mile	=	1.151 statute miles
1 nautical mile	=	1.852 kilometers
1 meter	=	1.094 yards
1 kilometer	=	0.621 mile

Weight

1 ounce	=	28.35 grams
1 pound	=	0.454 kilogram
1 long ton	=	1.016 metric tons
1 gram	=	0.035 ounce
1 kilogram	=	2.205 pounds

Volume

1 cubic inch	=	16.387 cubic cm
1 cubic foot	=	0.028 cubic meter
1 cubic yard	=	0.765 cubic meter
1 cubic meter	=	1.308 cubic yards

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