



Bili International (China)

青岛必利贸易有限公司 (中国)

Business Consulting • Product Development • Prototyping
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Coating Thickness Conversion Table

Micrometers (um)	Millimeters (mm)	Inches	Mils (Thousandths)	"Tenths" (Ten-Thousandths)	Millionths (Microinch)	Comments
0.1	0.0001	0.000004	0.004	0.04	3.94	
0.5	0.0005	0.000020	0.020	0.20	19.69	WS2 Coating
1.0	0.0010	0.000039	0.039	0.39	39.37	
1.5	0.0015	0.000059	0.059	0.59	59.06	
2.0	0.0020	0.000079	0.079	0.79	78.74	
2.5	0.0025	0.000098	0.098	0.98	98.43	
3.0	0.0030	0.000118	0.118	1.18	118.11	PVD Coating
3.5	0.0035	0.000138	0.138	1.38	137.80	
4.0	0.0040	0.000157	0.157	1.57	157.48	
4.5	0.0045	0.000177	0.177	1.77	177.17	
5.0	0.0050	0.000197	0.197	1.97	196.85	
5.5	0.0055	0.000217	0.217	2.17	216.54	
6.0	0.0060	0.000236	0.236	2.36	236.22	
7.0	0.007	0.000276	0.276	2.76	275.59	
8.0	0.008	0.000315	0.315	3.15	314.96	
9.0	0.009	0.000354	0.354	3.54	354.33	
10.0	0.01	0.000394	0.394	3.94	393.70	
12.0	0.012	0.000472	0.472	4.72	472.44	
15.0	0.015	0.000591	0.591	5.91	590.55	
20.0	0.02	0.000787	0.787	7.87	787.40	
25.0	0.025	0.000984	0.984	9.84	984.25	
25.4	0.025	0.001	1	10	1,000	
50.8	0.051	0.002	2	20	2,000	
76.2	0.076	0.003	3	30	3,000	
101.6	0.102	0.004	4	40	4,000	
127.0	0.127	0.005	5	50	5,000	Thermal Spray Coating
152.4	0.152	0.006	6	60	6,000	
177.8	0.178	0.007	7	70	7,000	
203.2	0.203	0.008	8	80	8,000	
228.6	0.229	0.009	9	90	9,000	
254.0	0.254	0.010	10	100	10,000	
304.8	0.305	0.012	12	120	12,000	
381.0	0.381	0.015	15	150	15,000	
508.0	0.508	0.020	20	200	20,000	
635.0	0.635	0.025	25	250	25,000	

inches = mm / 25.4 mm = Inches * 25.4

mils = microns / 25.4 microns = mils * 25.4

0.001 inch = 1 mils = 10 "tenths" = 1,000 microinches

0.001 mm = 1 microns = 1 micrometers = 1,000 nanometers = 10,000 Angstroms

Corporate Office

Kun Lun Shan Zhuang Residence Area, #1945 – 5 Tai Shan Road, Qingdao Economic Development Zone. PC: 266555

Phone +86-532-86956731 Fax +86-532-86956732

www.biliinternational.com.