

## CONVERSION TABLES



UNIVERSAL  
PHOTONICS  
INCORPORATED

TO CONVERT	MULTIPLY BY	TO OBTAIN
Atmospheres	760	Mercury (mm)
Centigrade (degrees)	$(^{\circ}\text{C} \times 9/5) + 32$	Fahrenheit (degrees)
Centimeters	0.3937	Inches
Cubic Centimeters	0.06102	Cubic Inches
Fahrenheit (degrees)	$(^{\circ}\text{F} - 32) \times 5/9$	Centigrade (degrees)
Feet	0.3048	Meters
Grams	0.03527	Ounces
Hertz	1.0	CPS
Inches	25.40	Millimeters
Inches	2.540	Centimeters
Kilograms	2.205	Pounds
Meters	39.37	Inches
Ounces	28.349	Grams
Pounds	453.6	Grams
Square Centimeters	0.1550	Square Inches
Square Inches	6.452	Square Centimeters
Torr	1.0	Mercury (mm)

WAVELENGTH CONVERSIONS		
1 Angstrom (Å)	=	10 Millimicrons
1 Angstrom (Å)	=	.1 Nanometer
1 Angstrom (Å)	=	$3.937 \times 10^{-9}$ Inches
1 Angstrom (Å)	=	$10^{-10}$ Meters
1 Angstrom (Å)	=	$10^{-8}$ Centimeters
1 Angstrom (Å)	=	$10^{-4}$ Microns
1 Micron ( $\mu$ )	=	$10^{-4}$ Centimeters
1 Millimicron (m $\mu$ )	=	$10^{-3}$ Microns
1 Micron ( $\mu$ )	=	0.001 Millimeters
1 Nanometer (nm)	=	1 Millimicron
1 Nanometer (nm)	=	10 Angstroms
1 Wavelength (@ 5500Å)	=	$21.8 \times 10^{-6}$ Inches

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## DECIMAL METRIC CONVERTER

INCHES	DECIMALS	MM.	INCHES	DECIMALS	MM.	INCHES	DECIMALS	MM.
1/64	0.015	0.396	11/32	0.343	8.731	43/64	0.671	17.065
1/32	0.031	0.793	23/64	0.359	9.123	11/16	0.687	17.462
3/64	0.046	1.190	3/8	0.375	9.525	45/64	0.703	17.859
1/16	0.062	1.587	25/64	0.390	9.921	23/32	0.718	18.256
5/64	0.078	1.984	13/32	0.406	10.318	47/64	0.734	18.653
3/32	0.093	2.381	27/64	0.421	10.715	3/4	0.750	19.050
7/64	0.109	2.778	7/16	0.437	11.112	49/64	0.765	19.446
1/8	0.125	3.175	29/64	0.453	11.509	25/32	0.781	19.843
9/64	0.140	3.571	15/32	0.468	11.906	51/64	0.796	20.240
5/32	0.156	3.968	31/64	0.484	12.303	13/16	0.812	20.637
11/64	0.171	4.365	1/2	0.500	12.700	53/64	0.828	21.034
3/16	0.187	4.762	33/64	0.515	13.096	27/32	0.843	21.431
13/64	0.203	5.159	17/32	0.531	13.493	55/64	0.859	21.828
7/32	0.218	5.556	35/64	0.546	13.890	7/8	0.875	22.225
15/64	0.234	5.953	9/16	0.562	14.287	57/64	0.890	22.621
1/4	0.250	6.350	37/64	0.578	14.684	29/32	0.906	23.018
17/64	0.265	6.746	19/32	0.593	15.081	59/64	0.921	23.415
9/32	0.281	7.143	39/64	0.609	15.478	15/16	0.937	23.812
19/64	0.296	7.540	5/8	0.625	15.875	61/64	0.953	24.209
5/16	0.312	7.937	41/64	0.640	16.271	31/32	0.968	24.606
21/64	0.328	8.334	21/32	0.656	16.668	63/64	0.984	25.003