



# OPTISPEC<sup>®</sup> Micro Enterprises Inc.

Microscopes - Fiber Optic Inspection - Video Equipment - Super Abrasives

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## Micro Measurement: Conversion Chart

angstroms	nanometers	microns	mm	inches	mils
10,000,000	= 1,000,000	= 1,000	= 1	= 0.03937	= 39.370079
1,000,000	= 100,000	= 100	= 0.1	= 0.003937	= 3.937008
100,000	= 10,000	= 10	= 0.01	= 0.000394	= 0.393701
10,000	= 1,000	= 1	= 0.001	= 0.000039	= 0.03937
1,000	= 100	= 0.1	= 0.0001	= 0.000004	= 0.003937
100	= 10	= 0.01	= 0.00001	= 3.9370079e-7	= 0.000394
10	= 1	= 0.001	= 0.000001	= 3.9370079e-8	= 0.000039
1	= 0.1	= 0.0001	= 0.0000001	= 3.9370079e-9	= 0.000004

### To Convert From:

### To:

### Multiply By:

angstrom (Å)	meter (m)	$1.0 \times 10^{-10}$
angstrom (Å)	nanometer (nm)	$1.0 \times 10^{-01}$
microns (μ)	micrometer (μm)	1
microns (μ)	angstrom (Å)	$1.0 \times 10^4$
microns (μ)	nanometers (nm)	1000
microns (μ)	millimeters (mm)	0.001
microns (μ)	centimeters (cm)	$1.0 \times 10^{-3}$
microns (μ)	meters (m)	$1.0 \times 10^{-6}$
microns (μ)	inches	$3.9370 \times 10^{-5}$
microns (μ)	feet	$3.2802 \times 10^{-6}$
millimeters (mm)	angstroms (Å)	$1.0 \times 10^7$
millimeters (mm)	centimeters (cm)	0.1
millimeters (mm)	inches	0.03937
millimeters (mm)	meters (m)	0.001
millimeters (mm)	microns (μ)	1000
millimeters (mm)	mils	39.37
nanometers (nm)	angstroms (Å)	10
nanometers (nm)	centimeters (cm)	$1.0 \times 10^{-7}$
nanometers (nm)	inches	$3.973 \times 10^{-8}$
nanometers (nm)	micrometers (μm)	0.001
nanometers (nm)	millimeters (mm)	$1.0 \times 10^{-6}$

**Note: micrometer (μm) = microns (μ)**

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