

SiO Film Thickness Guide

Published now and again

by MIDWEST TUNGSTEN SERVICE

Silicon Monoxide films change color according to the thickness of the deposited film. By watching the interference color of the growing film and using the chart below, one can estimate film thickness.

Color	Order	Thickness Å
Brownish White	I	680
Clear Brown	I	730
Dark Brown	I	790
Redish Brown	I	820
Dark Violet	I	880
Dark Indigo	I	920
Dark Blue	I	960
Clear Blue	I	1400
Pale Blueish Green	II	1680
Pale Green	II	1760
Yellowish Green	II	1860
Clear Yellow	II	1930
Orange	II	2350
Red	II	2550
Deep Violet	II	2650
Indigo	II	2800
Blue	II	2980
Clear Blue	II	3180
Greenish Blue	II	3360
Yellowish Green	III	3450
Dirty Yellow	III	3510
Brownish Red	III	3730
Grayish Blue	III	4270
Dull Green	III	4900
Yellowish Green	III	5030

MIDWEST TUNGSTEN SERVICE, INC.

800-626-0226

fax: 630-325-3571

630-325-1001

www.tungsten.com

7101 S. Adams St. #6, Willowbrook, IL 60527