

# SWX-500 SERIES

## Activation Foils

# NEUTRON ACTIVATION FOILS AND WIRES

Shieldwerx offers a wide variety of high purity foils used for passive measurements of neutron flux levels. Foil materials are available in boxes of 10 foils, 0.5-inch (12.7mm) in diameter and weighed to +0.0001g. Foils can be factory-cut to other specific sizes based upon the customer's application requirements. A spectrographic analysis of the material is included with each shipment.



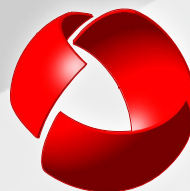
**Standard foils are 0.5-inch (12.7mm) diameter, 10 per box**



**All foils are stamped alphabetically for coding (except Sc & S)**



**Available in custom diameters and thicknesses**



**SWX-500 SERIES**  
Activation Foils

Many of the following 0.5-inch diameter foils are stocked. Other materials and sizes are available.

Part Number	Description
SWX-501	Indium 0.005" (0.127mm) thick.
SWX-505	Aluminum 0.030" (0.762mm) thick.
SWX-505A	Aluminum 0.005" (0.127mm) thick.
SWX-505B	Aluminum 0.002" (0.051mm) thick.
SWX-506A	Cobalt 0.002" (0.051mm) thick.
SWX-507B	5% Dy-Al 0.005" (0.127mm) thick.
SWX-508	5.2% Lu-Al 0.004" (0.102mm) thick.
SWX-509	Copper 0.005" (0.127mm) thick.
SWX-509A	Copper 0.010" (0.254mm) thick.
SWX-509B	Copper 0.001" (0.254mm) thick.
SWX-511	Silver 0.005" (0.127mm) thick.
SWX-513A	Nickel 0.010" (0.254mm) thick.
SWX-513B	Nickel 0.003" (0.076mm) thick.
SWX-514	Magnesium 0.005" (0.127mm) thick.
SWX-515	Iron 0.005" (0.127mm) thick.
SWX-516	81.3% Mn-Cu 0.002" (0.051mm) thick.
SWX-517	Vanadium 0.002" (0.051mm) thick.
SWX-521B	Gold 0.001" (0.254mm) thick.
SWX-522A	Sulfur (1" diam.) 0.187" (4.75mm) thick.
SWX-522B	Sulfur 0.075" (1.905mm) thick.
SWX-526	Tungsten 0.005" (0.127mm) thick.
SWX-527	Molybdenum 0.003" (0.076mm) thick.
SWX-531	Cadmium Covers 0.020" (0.508mm) thick.
SWX-531A	Cadmium Covers 0.040" (1.020mm) thick.
SWX-533A	0.438% Co-Al 0.005" (0.127mm) thick.
SWX-534	Tantalum 0.005" (0.127mm) thick.
SWX-535	Titanium 0.010" (0.254mm) thick.
SWX-541	Zirconium 0.005" (0.127mm) thick.
SWX-543B	Sodium Chloride 0.075" (1.905mm) thick.
SWX-546A	0.134% Au-Al 0.005" (0.127mm) thick.
SWX-551	Tin 0.004" (0.102mm) thick.
SWX-552	Zinc 0.010" (0.254mm) thick.
SWX-553	Hafnium(+2.93% Zr) 0.002" (0.051mm) thick.
SWX-575A	Niobium 0.010" (0.254mm) thick.
SWX-580A	Scandium 0.005" (0.127mm) thick.
SWX-581	Dysprosium 0.001" (0.254mm) thick.



A Division of Bladewerx LLC

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