



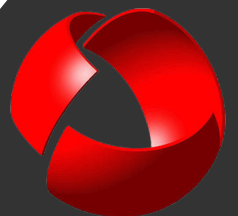
## SWX-5XX Neutron Shielding

### Neutron Activation Foils



- 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

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.





## SWX-5XX Neutron Shielding

# Specifications

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.

