

# SWX-155x

## Combination Foils Kits

Shieldwerx offers a wide variety of high purity foils and combination kits used for passive measurements of neutron flux levels. These combination kits are useful for making neutron flux determinations at specific energy levels.

Foils are 0.5 inch (12.7mm) diameter and are weighed to +0.0001g. A typical spectrographic analysis of each material is included with each kit.

The following kits are available:

- SWX-1551** Fast Neutron Foils Kit
- SWX-1552** Thermal / Resonance Neutron Foils Kit
- SWX-1553** Broad Spectrum Neutron Foils Kit



**Several foils covering the specified neutron energy range**



**0.5 inch (12.7mm) diameter high purity foils of various thicknesses**



**10 Cadmium covers provided with each kit for measuring epithermal neutrons**



# SWX-155x

## Combination Foils Kits

# Specifications

Part Number	Energy Range	Description of Kit
SWX-1551 Fast Neutron Foils	0.6 MeV – 13.5 MeV	2 each: Al, Cu, Fe, In, Mg, Na, Cl, Ni, S, Ti, V, Zn, Zr, and 10 Cd Cover Sets
SWX-1552 Thermal / Resonance Foils	0.025 eV – 5000 eV	2 each: Au, Co, Cu, Fe, In, 5.2% Lu-Al, 81.3% Mn-Cu, Mo, NaCl, Sc, W, and 10 Cd Cover Sets
SXW-1553 Broad Spectrum Foils	0.025 eV – 13.5 MeV	4 each, Al, Au, Cu, Fe, In, Mg, Ni, Sc, Ti, V, Zr, and 10 Cd cover sets



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