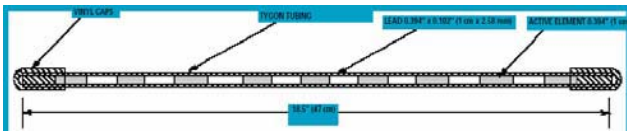


Rulers and Gamma Standards

Flexible Rulers

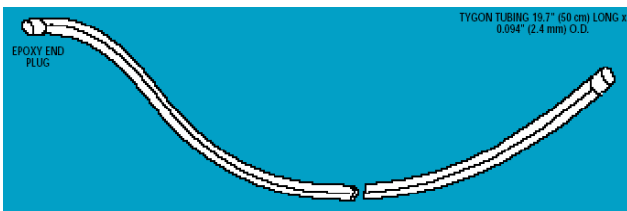
The Flexible Ruler is a plastic tube 4.8 mm in diameter containing 47 alternating 10.0 mm sections of Co-57 and inactive lead. The overall length of the ruler is 47 cm with an active length of 45 cm. Contained activity is supplied as a nominal value $\pm 15\%$.



Co-57 Flexible Ruler (17.02 MBq)

Flexible Markers

Co-57 uniformly dispersed in an epoxy matrix is injected into a 0.094" (2.4 mm) outer diameter flexible plastic tube having an inner diameter of 0.508mm. The overall length and the active length of the ruler is 19.7" (50 cm). Contained activity is supplied as a nominal value $\pm 15\%$.



Co-57 Flexible Marker (5.55 MBq)

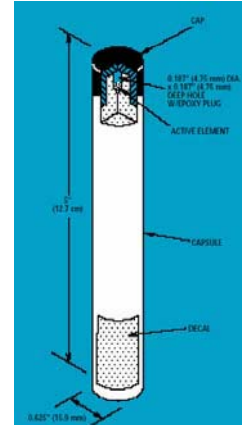
Rigid Rulers

The Rigid Ruler is a plastic tube 5.00 mm in diameter containing 17 alternating 10.0 mm sections of Co-57 and inactive lead. The overall length of the ruler is 17 cm with an active length of 15.0 cm. Contained activity is supplied as a nominal value $\pm 15\%$.

Co-57 Rigid Marker (5.92 MBq)

Well Counter (Rod) Standards

Each source consists of a lucite rod measuring 127 mm x 15.9 mm. A 127 mm x 12.7 mm rod is also available as a standard product. The activity is located in a 4.75 mm x 4.75 mm well, positioned approximately 6.35 mm from the top of the rod. Each set contains Ba-133, Cs-137, Co-57, Co-60, Cd-109, Mn-54, and Na-22.



Rod sources are calibrated as NIST traceable with an accuracy of $\pm 5\%$ at the 99% confidence level.

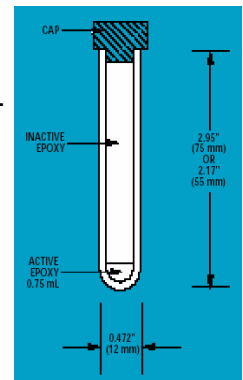
Well Counter Standard (3.7 kBq)

Well Counter Standard (37 kBq)

Gamma Tube Standards

Each source consists of a polypropylene test tube containing 0.75 mL of active epoxy with the balance of the test tube filled with cold epoxy. Each set contains Ba-133, Cs-137, Co-57, Co-60, Cd-109, Mn-54, and Na-22. Test tube sizes available: 2.95" x 0.472" (75 mm x 12 mm) or 2.17" x 0.472" (55 mm x 12 mm)

A variety of other nuclides and tube sizes are available on request. Customer-supplied tubes will be used on request. Tube sources are calibrated as NIST traceable with an accuracy of $\pm 5\%$ at the 99% confidence level.



Gamma Tube Set (3.7 kBq)

Gamma Tube Set (37 kBq)

