

Declaration of lead equivalence testing for 0.5 mm lead acrylic

Kenex radiation protective shields: -
310, 311/TC, 326, 341, 351, 344 and 354

This certifies that that above listed class I medical devices contain a lead acrylic material with a minimum lead equivalency value of 0.5 mm as tested by Public Health England.

Public Health England Lead equivalence report No. 76044 - 14th May 2015

Sample material: Lead acrylic sheet used as X-ray protective windows - 12 mm physical thickness
X-Ray potential: 50 kV, 150 kV and 250 kV

Results:
Lead equivalence: 50 kV = 0.57 mm Pb
 150 kV = 0.59 mm Pb
 250 kV = 0.65 mm Pb

All the equipment associated with the measurements performed in the report have calibrations directly traceable to National Standards via the National Physical Laboratory or UKAS Accredited calibration facilities. All testing was carried out in accordance with IEC 61331-1:2014.

Signed:



Paul Hunt
Managing Director
On behalf of Kenex (Electro-Medical) Ltd
8th March 2018