


Core Material Information




Material	Lead Equivalence	Attenuation (%)						Weight Kg/M ²
		50 kVp	70 kVp	90 kVp	110 kVp	120 kVp	150 kVp	

Lightweight Lead is a popular solution that provides the highest level of protection at a very reasonable price.

 LIGHTWEIGHT LEAD	0.25 mm Pb	98.8	95.1	90.7	87.5	86.2	82.7	3.3
	0.35 mm Pb	99.7	97.6	94.5	92.3	91.3	88.6	4.6
	0.5 mm Pb	*>99.9	99.1	97.4	96.1	95.5	93	6.6

Our ultralight Edge Bilayer - Lead Free solution, By layering Antimony with Bismuth it provides a superior level of protection that conforms to the highest standards at the lowest weights.

 LEAD FREE	0.25 mm Pb	98.7	96.1	92	87.8	85.8	80.1	2.68
	0.35 mm Pb	99.6	98.0	95.3	92.7	91.5	88.1	3.75
	0.5 mm Pb	*>99.9	99.4	97.8	96.3	95.5	93	5.38

Testing in accordance with BS EN 61331-1:2014 using inverse broad beam geometry.

Performed by the National Physics Laboratory in 2015
 Figures are for guidance and all materials passed the relevant testing.

For full report, please visit www.rothband.com

* The response of the ionisation chamber was too low to record a value accurately.
 This value was extrapolated from a straightline fit of the 70-150kV values.