

Halving thickness of different materials

MATERIAL	HALVING THICKNESS	TVL
Lead	1.2cm (0.5")	4cm (1.6")
Copper	1.9cm (3/4")	6.3cm (2.5")
Steel	2.1cm (0.8")	4.3cm (1.7")
Glass	2-4cm (0.8-1.6")	13cm (1.2")
Cristal glass	5.6cm (2.2")	19cm (7.5")
Concrete	6cm (2.4")	21cm (8")
Aluminum	6.8cm (2.7")	22.6cm (9")
Plasterboard	7cm (2.8")	23cm (9")
Clay	7cm (2.8")	23cm (9")
Brick	7-9cm (2.8-3.5")	27cm (11")
Packed earth	9cm (3.6")	30cm (12")
Plastic (acrylic)	11cm (4.3")	37cm (15")
Water	13cm (5.1")	43cm (17")
Wood	20-23cm (8-9")	73cm (29")
Air	150m (500ft)	498m (1660ft)

This table is part of the [Practical nuclear protocol](#) on [Settlemap.com](#)