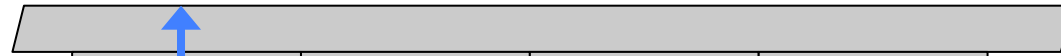


0.643" = 1/8" plate aluminum + 1/2" hexcell + 0.018" glue

1/16" aluminum
plate

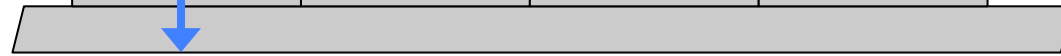


0.43 g/cm²

aluminum hexcell
1/2 "

0.13 g/cm²

1/16" aluminum
plate

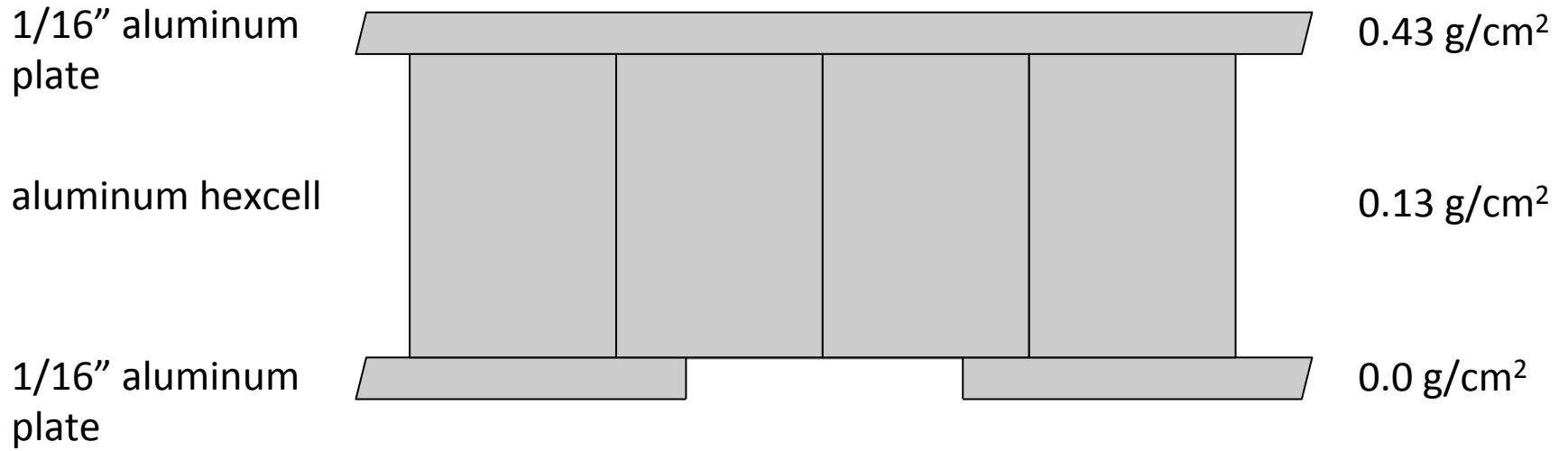


0.43 g/cm²

Total = 0.99 g/cm²

Total radiation length/plate = 4.1 %

16 plates × radiation length/plate = 66 %

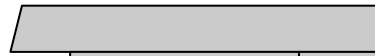


Total = 0.56 g/cm²

Total radiation length/plate = 2.3 %

16 plates × radiation length/plate = 37 %

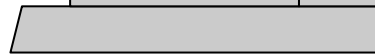
1/16" aluminum
plate



aluminum hexcell



1/16" aluminum
plate



0.0 g/cm²

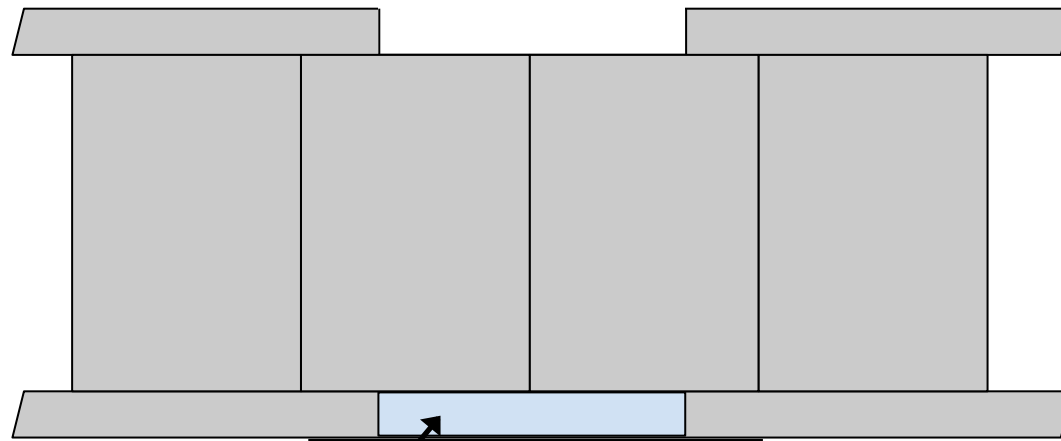
0.13 g/cm²

0.0 g/cm²

Total = 0.13 g/cm²

Total radiation length/plate = .54 %

16 plates × radiation length/plate = 8.6 %



1/16" polyethylene sheet

0.8 mil aluminum sheet

aluminum hexcell RL = 0.54 %

aluminum sheet RL = 0.02 %

polyethylene RL = 0.32 %

16 × RL sum = 14 %