

VACOSHIELD 2.5 X 2.5

Type	VACOSHIELD® 2.5 x 2.5
Design	Two layers of soft magnetic alloy
Door mechanism	Swing door with pneumatic opening/closing
Weight	≈ 4,900 kg
External flux density during measurement	1 μ T RMS

2.5 m x 2.5 m - 2024	Length	Width	Height
Inside decoration surface	2.51 m	2.51 m	2.51 m
Outside decoration surface	3.00 m	3.00 m	2.95 m
Pit for standard door	3.05 m (min)	3.05 m (min)	115 mm (max)
Pit for level entry door	3.05 m (min)	3.05 m (min)	236 mm (max)

WARRANTED SHIELDING FACTORS

A final test procedure is carried out in accordance with the VAC PR-900 test specification, qualified by default at $B=1 \mu$ T RMS. At higher flux densities the shielding factors are significantly higher. The given shielding factor S is understood as the average value measured for all three axes at the centre of the Magnetically Shielded Room.

The table below provides the minimum expected shielding performance.

f/Hz	Warranted S [abs]
DC	1,000*
0.01	80
0.1	140
1	1,100
10	15,000
100	50,000

* Higher values are possible after appropriate demagnetization



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