

# VACOSHIELD 1.4 X 1.4

Type	VACOSHIELD® 1.4 x 1.4
Design	Two layers of soft magnetic alloy
Door mechanism	Swing door with mechanical opening/closing
Weight	≈ 2,500 kg
External flux density during measurement	1 $\mu$ T RMS

1.4 m x 1.4 m - 2024	Length	Width	Height
Inside decoration surface	1.4 m	1.4 m	2.1 m
Outside decoration surface	2.0 m	2.0 m	2.57 m

## 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	185
0.1	240
1	1,500
10	10,000
100	10,000

\* Higher values are possible after appropriate demagnetization

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