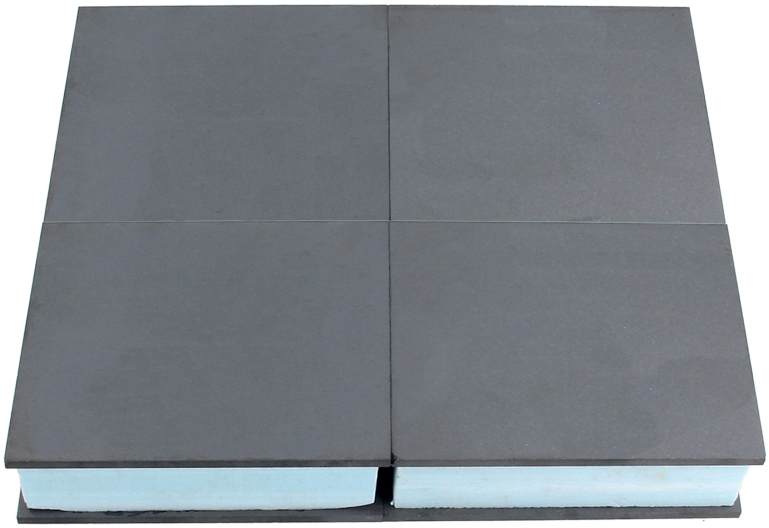
DOUBLE LAYER FERRITE ABSORBER TILES 3620

Ferrite absorber tile is the industry standard solution and exhibits excellent overall performance versus cost



Our 3600 series Ferrite absorber tile is the industry standard solution and exhibits excellent overall performance versus cost.
It is an attractive alternative to traditional, large, foam-type absorber materials for new anechoic chambers or for upgrading existing rooms for radiated emission and immunity measurements. These tiles are a quite new development. They are used when relatively high absorption is required together with a compact solution (-15 to-25 dB @ <100MHz)- approximately 4 to 6mm vs 2400mm for foam absorbers. They also provide a reliable and compact solution for attenuating plane-wave reflections in shielded enclosures.

3620 DOUBLE-LAYER FERRITE ABSORBER TILE

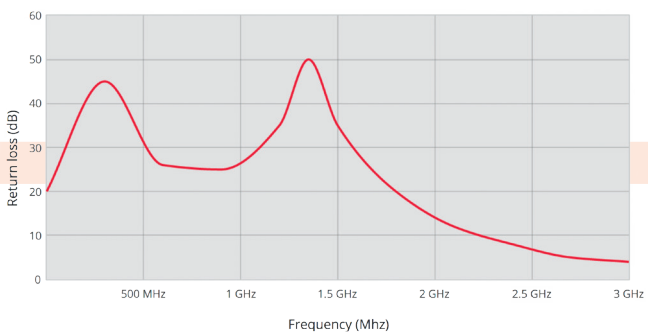
3620 Double-layer ferrite absorber tile is especially designed for small EMC anechoic chambers, to get excellent electromagnetic absorption performance in 30MHz to 2GHz.

The 3620 Double-layer ferrite absorber tile contains a 21mm gap between two pieces of 100 x 100 x 3mm sintered ferrite tile and has a total thickness of 27mm. It can be glued on to a wall easily.

Due to the special double-layer design, these tiles provide a wider frequency range than single-piece ferrite tiles, even in a small anechoic chamber or a dark box for mobile phone inspection.

PERFORMANCE CHARACTERISTICS

(Normal incidence reflection loss)
Reflective attenuation vs. frequency



FEATURES

- Absorption of lower electromagnetic waves
- An electromagnetic absorbing material
- Suitable for 30 MHz to 2 GHz (see attenuation graph)
- Easy and quick to assemble
- No physical degradation over time
- Good performance for a small-sized chamber
- Good performance at low frequencies

APPLICATIONS

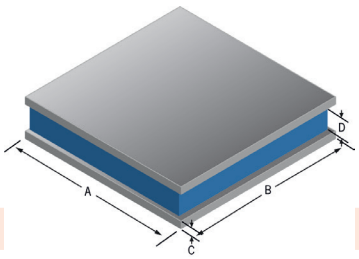
- Dark box for mobile phone inspection
- Prevention of radio communications disturbance
- Prevention of TV ghosting
- Prevention of UHF RFID-readers interference
- EMC anechoic chambers

CHARACTERISTICS

- Standard weight : 410 Gr.
- Standard dimensions : 100 x 100 x 27mm
- Optimum working temperature range:-30 ~ 70°C
- Main hazards: No risk of explosion, reactivity or health hazard

PART NUMBERS AND DIMENSIONS

Part number	A (mm)	B (mm)	C (mm)	D (mm)
3620-270	100 (±0.15)	100 (±0.15)	3.0 (±0.15)	21 (±0.2)



ORDER EXAMPLE

Series		Type
3620	–	270