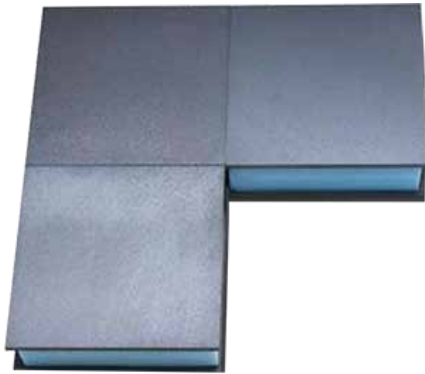




## 3620 - Double layer ferrite absorber tiles



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

For the best economical choice, see our most common 3600 series VHF Ferrite absorbers. These are the most common choice for anechoic chambers.

### 3620 Double layer ferrite absorber tile

3620 Double Layer Ferrite Absorber Tile is a special design for small EMC Anechoic Chamber to get excellent electromagnetic absorption performance in 30MHz to 2GHz.

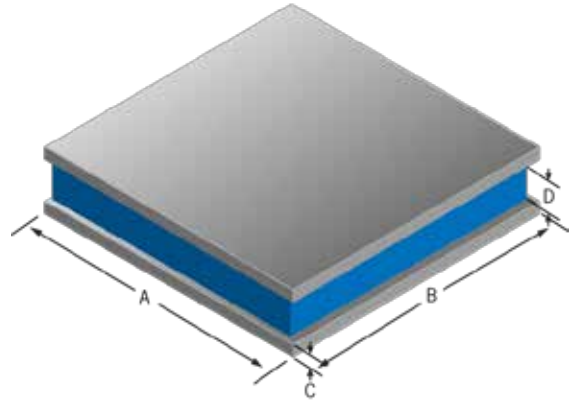
The 3620 Double Layer Ferrite Absorber Tile consists of a 21mm gap between two pieces 100 x 100 x 3mm sintered ferrite tile (stacked on each other 27 mm total thickness), which can be glued on the wall easily.

Due to this special double layer design, it provides more wide frequency range than one-piece ferrite tile design, even in a small size anechoic chamber or a dark box for mobile phone inspection.

### Features

- Absorption of lower electromagnetic waves
- An electromagnetic absorbing material
- Suitable for 30MHz till 2GHz (See attenuation graph)
- Easy and quick to assemble
- No physical degradation through years
- Good performance for a small size chamber
- Good performance at low frequency

### 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)

### Applications

- Dark box for mobile phone inspection
- Prevent radio communication disturbance
- Prevent TV ghost
- Prevent UHF RFID readers interference
- EMC Anechoic chambers

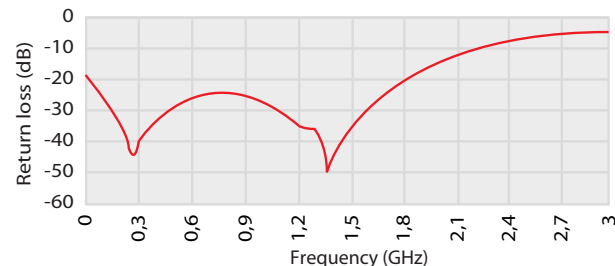
### Characteristics

- Standard weight : 410 Gr.
- Standard dimensions : 100 x 100 x 27 mm
- Main hazards : No explosion, reactivity or health hazard

### Performance characteristics

(Normal incidence reflection loss)

Reflective attenuation - Frequency



■ 3 mm thick ferrite tile + 21 mm gap + 3 mm thick ferrite tile

### Order information

When you want to order 3620 Double layer ferrite absorber tiles please specify the part number as follow:

Part number	Type
3620	270

Revision date: 17-5-2016