



## The Arteng Healthcare RF shielded MRI door

The Arteng Healthcare RF shielded MRI doors are designed for high-traffic MRI environments, offering high reliability, minimal maintenance, and long service life. The door ensures RF integrity while providing acoustic comfort and user-friendly operation.

Available in **standard or pneumatic versions.**

The standard door closes manually; the pneumatic door is air-driven and, on closing, its air gasket inflates to provide a full RF seal.

Sizes (WXH): 120 cm × 210 cm (Can be manufactured in requested dimensions.)

Sound insulation: > 44 dB(A)

Magnetic shielding attenuation value: > 100 dB in the range of 1 – 30 MHz

Electrical shielding attenuation value: > 100 dB in the range of 30 – 160 MHz

### Key Features

- Easy-to-open, ergonomic pull handle and locking system
- Modern design with high-pressure laminate finish
- Natural acoustic insulation properties (STC-40)
- Low-profile threshold suitable for patient transfer
- Hygienic, easy-to-clean surfaces

### Technical Specifications

- Perimeter EMI/RFI seals ensuring RF shielding
- RF attenuation: Meets clinical and research MRI system requirements
- Acoustic Rating: Certified STC-40 performance
- Durable aluminum frame with steel-reinforced structure
- Finish: High-pressure laminate or optional custom colors

|                       |                                      |
|-----------------------|--------------------------------------|
| Nominal Clear Opening | 1.22 m x 2.13 m (4 ft x 7 ft)        |
| Acoustic Rating       | STC-40                               |
| Manufacturer          | Arteng Healthcare – Istanbul, Turkey |





