

Manufacturer	ITEL TELECOMUNICAZIONI s.r.l.
Product name	Pneumatic door
Design	
Brief description	The pneumatic door is a RF shielded door for RF protection of the MRI room. It is able to ensure electrical continuity of the RF shielding room. It is compatible with the ITEL shielding cages types BSB, CSB and MSB. The design of the pneumatic door is carried on in compliance with hospital standards and current safety regulations.
Use	The pneumatic door is used in magnetic resonance applications
Frame Size	Height: 2222 mm – 7' 3 1/2" Width: 1542 mm – 5' 0 3/4" Thickness: 80 mm – 3,15"
Door Size	Height: 2082 mm – 6' 10", net opening 2102 mm – 6' 10 3/4" Width: 1182 mm – 3' 10 1/2", net opening 1202 mm – 3' 11 5/16" Thickness: 80 mm – 3,15"
Material	Non-magnetic stainless steel, aluminum and multi-layer wood panels with melamine coating
Door lock	External MRI room: key Internal MRI room: safety knob
Acoustic isolation	STC 40 or STC 50
Opening	Inward or outward MR room
RF Attenuation	100db @ range (5÷200 MHz)
Maintenance	1 year (if requested)
Certificates	MIL-STD 285 IEEE 299-2006 Direttiva EMC 2014/30/UE
Warranty	1 year
Datasheet Rev.	2.1