

Company presence: India / Worldwide



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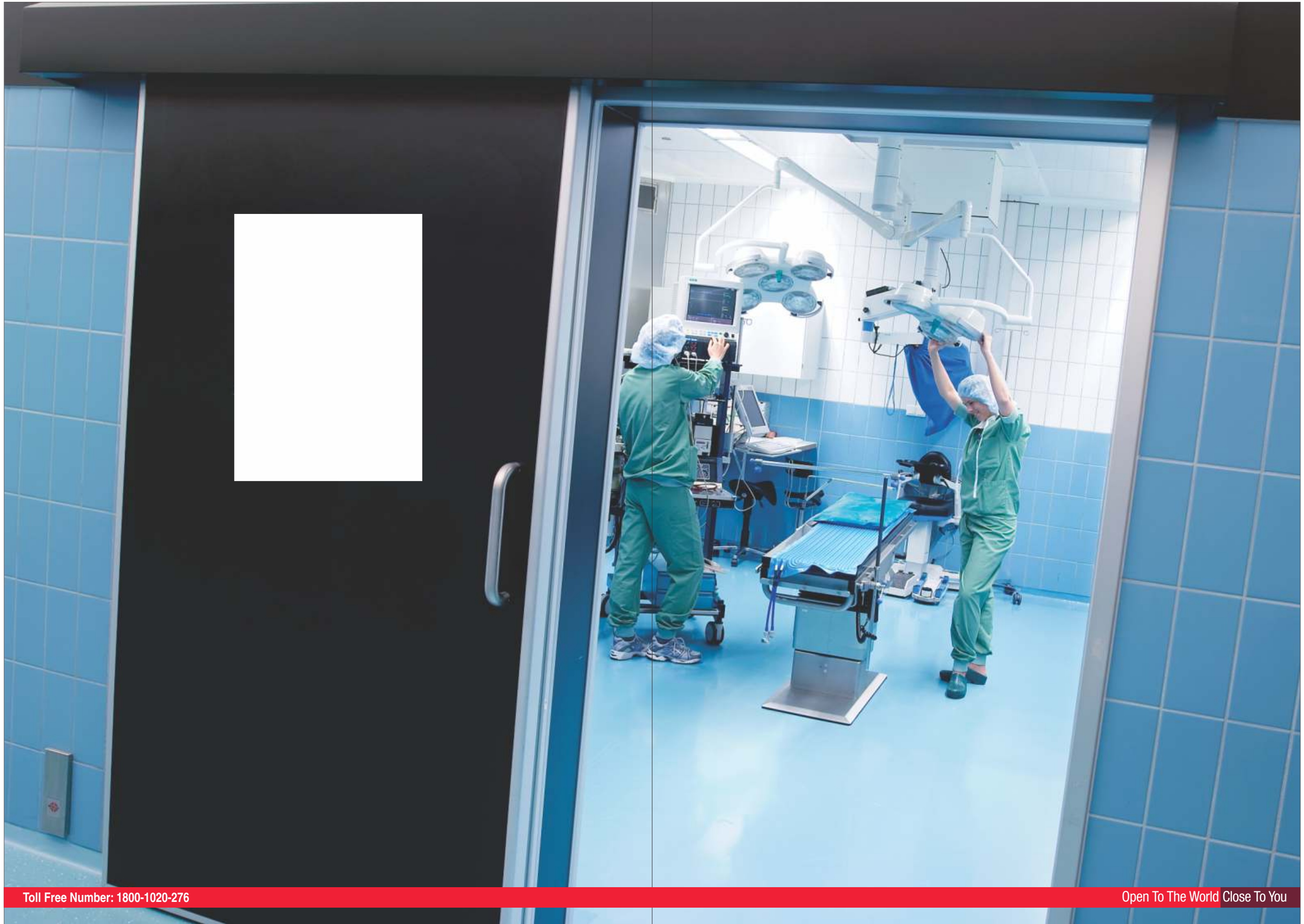
**A GLOBAL
 TECHNOLOGY
 LEADER
 IN DOOR
 SOLUTIONS**



Open To The World Close To You

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Who we are

Metaflex India is the leading manufacturer of insulated doors. Its footprint stretched over a wide range of product portfolio, spanning hermetically sealed OT doors, radiation proof doors, fire resistant doors, cold room doors, controlled atmosphere doors, industrial doors and dock solutions. The company caters to the wide array of industries like healthcare, pharmaceutical, cold chains, food processing and industrial units.

Our group company, Metaflex Doors Europe (MDE), headquartered in Aalten, is the largest manufacturer of insulated doors in Netherlands and has a wide presence globally, be it Europe, Africa, South East Asia or Middle East.

Founded in 1976, the company has an illustrious history. The integrity, transparency, dedication, resourcefulness and determination to succeed are the characteristics of the group today and the cause of building a sustainable business.

The company has set the benchmarks in the field of innovation. It was the first company in India to innovate and launch 100% hermetically sealed doors made from inorganic material that doesn't lead bacteria grow and prevents cross contamination. This innovation brings the phenomenon of focusing on patients' safety in Indian healthcare industry.

We have a presence across India with headquarter and state of the art manufacturing unit in Greater Noida and branch office in Bangalore.

Our sheer commitment towards sustainability makes it not optional, but a business imperative for us. Metaflex has always adhered to the sustainable approach to business and has helped its clients in conducting their business in a sustainable manner.

We are aware that growth is inseparably linked to the well-being of our ecosystem - employees, business partners, society and the environment.



Benefits to you

OT is the most complex hence most expensive function of a hospital. Considering its nature of high risk for patient safety, we need utmost hygiene level with purest air.

- A 100% hermetically sliding door completely inorganic and comes with automation.
- Prevention from cross contamination.
- Saving cost on clean air.
- Reducing the time for building the air pressure inside the OT.
- Operational ease.
- Sliding door is free from obstacles and turbulence that happen in case of normal doors.

What unique we bring to the table

- We offer total solutions not just products.
- Design proposition
- Best certifications & accreditations.
- Tie-ups with the best suppliers in Europe.
- International technical expertise accessibility.

OUR PILLARS OF SUCCESS





OT Doors

MakHealth- Single Leaf Sliding Door.

It comes in single parting and bi-parting sliding doors.

*Sizes Available: 1200x2100mm, 1500x2100mm, 1800x2100mm.

MakHealth is a hermetically sealing sliding door. (Sliding Direction: Horizontally from Left or Right)

This door is specially designed for operation theatres and clean rooms. It can withstand up to 75 Pa overpressure to such a degree that any leakage loss will still not be measurable due to the hermetic seal.

Opening the door is extremely easy due to the lever principle on the inner and outer door handles. The door can also be provided with the electrical automation.

Apart from the standard sizes, the customization is also available as per the requirements.

The Door Panel is 60mm thick and has 4mm thick high Quality High Pressure Laminates on both sides of 52mm thick Pressure Injected. It is flush framed in extruded Aluminium alloy profiles, shaped with wide radius curves. Being a perfect flush door, the door skin is made of joint less laminates.

Besides EPDM sealing gasket, a special lower sealing gasket with lip facing the floor is fitted on the bottom profile of the door leaf to ensure 100% hermetic sealing.

The door blade comes with vision panel flushed with surfaces of the door blade.

Heavy duty extruded single length Aluminium Alloy profiles allow the door to slide 'down and in' simultaneously at an angle of 45° utilizing the weight of the door to give a perfect hermetic seal when closed.

A lever opener is there for effortless opening, made from solid stainless steel.

Powder Coated high quality roller system fitted with special lubricating rollers ensures noiseless & frictionless operation for years.



Radiation Proof Doors

MakHealth Lead

*Sizes Available: 1200x2100mm, 1500x2100mm, 1800x2100mm.

MakHealth Pb2 is a hermetically sealing sliding door with a 2mm lead inlay. The door has been specially developed for operation theatres with X-ray equipments, Cath Labs as well as rooms with radiation shielding requirements.

The MakHealth Pb2 has 2 mm thickness of lead lining that suffices the AERB requirement for the X-Ray shielding doors. It can also withstand up to 75 Pa overpressure to such a degree that any leakage loss will still not be measurable due to the hermetic seal. The door comes with an electrical automation.

Door Panel has 48mm thick Pressure Injected Polyurethane Core of 45 ± 2 Kg/m³ density. On both the 1 mm thick lead inserts (2X on both sides). Both sides are finished with a high-pressure laminate of 4.0 mm thickness. The thickness of door is 60mm and the noise Insulation is 28 dB.

Besides EPDM sealing gasket, a special lower sealing gasket with lip is fitted on the bottom profile of the door leaf to ensure 100% hermetic sealing. A lever opener is there for effortless opening, made from solid stainless steel. Electro Galvanized / Powder Coated high quality roller system fitted with special grade self lubricating rollers with double ball bearings ensures noiseless and trouble free operation.



Clean Room Doors

Available in variants like single leaf and double leaf.

Clean room environment is required at a place where there is high risk of air contamination through environmental pollutants like dust, airborne microbes, aerosol particles and chemical vapor. Designed for excellence, Metaflex Mak Health clean room doors provide optimum solution for the needs in pharmaceutical, hospitals, health, commercial & retail environment where there is a need for clean air. Our clean room doors are custom made to suit the requirements from these sectors. Our clean room door helps in preventing the dust particles or pollutants enter into the room. The door is insulated with high quality PU and there is a provision for double insulated glass vision panel. Available in variants like single leaf and double leaf, Metaflex clean room door is made of high quality material with absolute insulation.

Technical Specifications

Type	Flush & insulated metal doors compliant with clean room application
Door blade material	PCGI
Door blade core material	PU
Door blade thickness	50mm
Door frame	Aluminium (GI reinforced & powder coated)
Door handle material	SS 304, D Type
Lock	Dead lock with European norm cylinder
View panel	Double insulated glass unit. Size- 300x300mm
Gasket type	Rubber gasket non particle shedding type
Hinges	Ball bearing, 3 nos.
Color	RAL-9002

Sizes available

Single Leaf	
Width	750mm, 900mm, 1000mm, 1200mm
Height	1800mm, 2000mm, 2100mm
Double Leaf (Bi-parting)	
Width	1500mm, 1800mm, 2000mm
Height	1800mm, 2000mm, 2100mm



Blood Bank Doors

MakHealth- Single Leaf Sliding Door.

*Sizes Available: 1200x2100mm, 1500x2100mm, 1800x2100mm.

Keeping the momentum towards the innovation and our continuous endeavor towards contributing to healthcare sector in India, we have come up with the Hinged Insulated doors for the blood banks and laboratories in the medical sector. These doors are designed to control the temperature in the blood banks as it is highly critical to maintain a stable temperature. The thickness of door is 80mm.

It has simple, minimalistic and sturdy design for effective functioning under all conditions. The doors have a manually operated stainless steel cum latch which ensures TROUBLE FREE OPERATIONS at low temperatures. These doors are fitted with an emergency release that is located on the inside of the unit. Hinged doors for industrial applications are fitted with standard lever handles and lock case with euro norm cylinder. All Metaflex doors feature a high quality rubber gasket which gives a perfect seal between the door and its frame.

*Customisation of sizes on request



Fire-Resistance Doors

The fireproof all-rounder

*Sizes Available: 1200x2100mm,
1500x2100mm, 1800x2100mm.

A Mak Health fire resistant door is a hermetically sealing sliding door which is designed especially for medical and pharmaceutical sector. This door has 30 minutes of fire resistant capacity in accordance with the NEN-EN 1634:2001 standard in combination with the NEN 6069:1997 standard. It can withstand up to 100 Pa overpressure to such a degree that any leakage loss will still not be measurable due to the hermetic seal.

Opening the door is extremely easy due to the lever principle on the inner and outer door handles. The door can, of course, also be provided with the electrical automation.

This lightly sliding door is completely level and both the door panel and the edging are flush and can be easily cleaned.



Automation



SDA-04 is a microprocessor based controller that enables to operate each door with ease, whatever be the weight or size. We offer SDA-04 with 90 watt DC motor to suit blade weighs upto 250kgs. It is a unique system, which works with high torque for lifting even the heaviest door blades out of intended track profiles.

Our Service Network

Map with locations

Metaflex doesn't have Contracts, we prefer to have relationships and these relationships bring customer intimacy. Our service demonstrates our desire to deliver the best possible service at all times. Metaflex trained staff in installation and maintenance service are well equipped and strategically located to minimize response time when you need us. Our toll free number is our initiative to remain as close as possible to our customers.

