



## *Metaflex Mak Health Lead Line Swing*

Following the principle of our lead line sliding doors, Metaflex Lead line swing doors are specially designed for use in, X-ray rooms, laboratories and other clean room environments where are in-built X-ray machines or CT scan machines used, like clinics, scientific labs, separate x-rays rooms, CT-scan room etc and where there is high risk of air contamination through environmental pollutants like dust, airborne microbes, aerosol particles and chemical vapor.

Metaflex Lead line doors provide optimum solution for the needs in pharmaceutical, hospitals, health environment where there is a need for radiation shielding from X-ray protection. The door is insulated with high quality polyurethane with 2mm lead lining in door leaf & wall frame.



*Manual Swing Door*



*Radiation sheilding*



*Hygienic anti-bacterial flat finish*



**Metaflex. Meet reliability.**

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# Technical Specifications

## Metaflex Mak Health Lead Line Swing



### Dimensions Available

#### Single Leaf:

Widths- 750 to 1170mm  
Height- 1800 to 2400mm

#### Double Leaf:

Widths- 1200 to 2200mm  
Height- 1800 to 2400mm

### Automation (Optional):

CE certified microprocessor-based controller. Adjustable opening & closing equipped with multi control options.

### Door Leaf

The door leaf has thickness of 44mm with PIR core (CFC free) with PPGL sheet on both sides. The door profile are flushed with door leaf in Aluminium Alloy, Grade 6063, Temper T6 natural anodized finish. The door leaf and profiles have 2mm lead inlays for radiation proofing (Pb 99,94 Cu according to DIN EN 17640).

### Wall frame

Anodized / Powder Coated Aluminium (3mm GI reinforced)

### Gasket

Rubber gasket non particle shedding type

### Hinges

Heavy Duty Ball bearing hinges, 4 nos. per leaf

### Optional

Double leaf version  
Insulated glass unit with Lead Glass Flushed with door surfaces. 2mm equivalent at 150kVp.  
D type handle  
Various options for operation  
Automatic operation

