



MF-5 GLASS

SLIDING DOORS FOR THE CARE
SECTOR AND THE MEDICAL AND
PHARMACEUTICAL INDUSTRIES



SLIDING DOORS FOR THE CARE SECTOR AND THE MEDICAL AND PHARMACEUTICAL INDUSTRIES

MF-5 Glass

Metaflex Isosystems BV is the manufacturer and supplier of doors for medical and pharmaceutical companies and institutions. Metaflex is also an important player in the market for insulated panels, cold-storage and freezer doors and hatches in all kinds of models, the majority of which end up in the food processing industry. In addition to a manufacturing facility, Metaflex has an assembly and service division with its own service engineers. It also has qualified commercial technical consultants and an extensive project division for designing and manufacturing customer-specific products. Special machine housings and other special products are also manufactured in our factory in Aalten, the Netherlands.



Sliding doors

Why choose a sliding door? And why specifically choose a Metaflex MF-5 sliding door in your project? To avoid an uncontrolled flow of air, a sliding door is preferred to a hinged door. After all, there is almost no movement of air when a sliding door opens and closes. Normal use of the average hinged door results in the movement of 2 m³ of air. This is not a problem in normal situations, but if the air behind the door is conditioned, or even contaminated, then it is important that it remains where it belongs. That is exactly why the Metaflex MF-5 sliding door is such a good choice. This hermetically sealed doors withstands a large overpressure or vacuum pressure, so that you are guaranteed that no germs are spread as a result of leaking doors. Additional advantages are the fact that the sliding doors are smoke-proof, so that they can be included in a smoke separation screen, and the acoustic value of the doors, which gives a noise reduction of between 28 dB and 35 dB, depending on the model.



Full glass design

A recent development is the full glass model of the MF-5 sliding door. It was initially developed for quarantine rooms where people with harmful infections are treated. Using MF-5 Glass gives a clear view of the room, despite the barrier of a door. This is beneficial to the patient's social well-being and gives the medical staff good observation possibilities. Furthermore, this door has found its way into treatment rooms where openness and transparency are of great importance. One of the ways the MF-5 Glass distinguishes itself from its competitors is the completely flat door panel without any raised edges.



Uses

The MF-5 sliding door has a wide range of uses in the care sector and the medical and pharmaceutical industries. It can be used in operating theatres, in preparation rooms, in pharmacies, in radiation rooms, in quarantine rooms, as a fire screen and last, but not least, in clean rooms.

Operation

The MF-5 Glass has a hermetic opener. This lever-operated opener ensures that this high-quality door is easy to open without the need to apply a great force. Of course, the MF-5 Glass is also available with the automatic opening system that Metaflex has designed itself, the SDA-04. This frequency-controlled automatic door opening system, with a wide range of options, carefully removes the door from its hermetic seal and then opens the door at a high speed (adjustable up to 800 mm/sec). This option is also available for the two-leaf version, which allows even larger openings to be created, which is ideal for transport passages.



Safety

The SDA-04 automatic opening system has a number of control and closing options, so that you can decide, for example, who is authorized to open the door and whether the door must remain closed in the event of a fire or rather whether it must be opened to create an escape route. There is even the possibility to operate the door remotely, to have a service readout and to register the times at which the door is opened and closed.

Options

Since Metaflex manufactures its own products, there are many options available:

- Coloured glass frame
- Automatic SDA-04 opening system
- Fire-retarding design
- Connection to Gebouw Beheer Systeem (Building Management System)
- One-leaf or two-leaf model

Frames

Every situation is different, which is why Metaflex produces frames to suit any situation:

- Aluminium stop profile on a reveal finish to be supplied by a third party
- Malmö frame, a wall-enclosing system frame with a reveal finish in the same colour as the door panel
- Halmstad frame, a wall-enclosing frame with stain less steel reveal cladding

Advantages

- Customization, because we manufacture the product ourselves
- A wide range of options
- Hygienic range of doors
- Easy to clean
- Clear and transparent
- Energy-efficient
- Robust and reliable
- Own service department
- Training provided for your maintenance staff



Metaflex Isosystems BV

PO Box 300

7120 AH Aalten

Ambachtsstraat 11

7122 MP Aalten

The Netherlands

T +31 (0)543 477 333

T +31 (0)543 477 222

E sales@metaflex.nl

I www.metaflex.nl