Fast flexible door profile PL7

The fast flexible door with a profile PL7 is the easiest solution in the pharmaceutical line, while ensuring a controlled and certified leakage rate. Its self supporting structure is in stainless steel or lacquered steel. Its electric box can be placed close to the door or in a technical premise.

Technical characteristics

Structure
- self supporting until 4 m *13.1'* wide and 4 m *13.1'* high
- winding shaft in stainless steel 304L
- complete and closed cover for the winding drum, rounded (dust shape), in stainless steel 304L, with tightness joint
- cover of the motor, tilted surfaces, in 304L stainless steel

Door posts
- stainless steel 304L profile in L-shape, on witch is fixed a high density polyethylene slide (PEhd) extruded, weak slide coefficient, smooth, homogenous material, resisting to shocks without release particles, interchangeable
- cables passage integrated into the door posts, in stainless steel 304L square tubes

Monobloc curtain with reinforced tightness
- made of polyester fabrics 705 g/m² *0.14 lb/ft²* class M3 PVC coated on the 2 faces and profiled stiffeners in composite materials.
Tarpaulin for standard apron (Prestressed 905) / Double-skin (Prestressed 705).
- row windows : height 150 mm *5.9''*
- memory stiffeners for shock absorption (every 300 mm *11.8''*)

Tightness
- high : with 2 horizontal joints fixed in the cover, one on the front face of the curtain, the other on the back face
- low : with a deformable profile placed into the sheath of the canvas
- on the sides : by staying on the curtain to the face of the door posts
- leakage rate : controlled

Security according to the standard NF EN 13241-1

Motorization
- induction motor IP55- 0,37kW – 1500 tr/min – 220/380 V three-phase intensive service
- safety brake, active in case of power break. IP54
- fast average opening and closing speed 0,6 m/s *2 ft/s*

Emergency device
- with pawl key and movement from the back of the motor (system provided with an electrical security in case of return of the mains power)

Plastic order box IP56
They answer to different operation modes
- order requiring a continuous action
- operation by push when the door is visible
- operation by push when the door is not visible
- automatic order
- interlocking (SAS)
- control system

Dimensions
Clear opening widths : 1000 mm *3.3'*, 1500 mm *4.9'*, 2000 mm *6.6',* 2500 mm *8.2',* 3000 mm *9.8',* 3500 mm *11.5',* 4000 mm *13.1'*
Clear opening heights : 2000 mm *6.6',* 2500 mm *8.2',* 3000 mm *9.8',* 3500 mm *11.5',* 4000 mm *13.1'*

Options :
- 2 row windows (window 150 mm *5.9''* at about 1600 mm *63''* from the floor)
- curtain with a canvas M2 or M1. The choice of colour is limited, consult us.

Available colour for the tarpaulin. The RAL tones are given for indication, they are not the exact tones of the tarpaulin.

Coloris indicatif	Teintes RAL (voir nuancier RAL Classic)	Nom
	7037	Gris poussière
	7038	Gris agate
	7040	Gris fenêtre
	7035	Gris clair
	9006	Aluminium blanc
	5010	Bleu gentiane
	5015	Bleu ciel
	5002	Bleu outremer
	5013	Bleu cobalt
	6026	Vert opale
	6018	Vert jaune
	9016	Blanc signalisation
	9005	Noir foncé
	1015	Ivoire clair
	1003	Jaune de sécurité
	2004	Orangé pur
	3002	Rouge carmin