

DRAWING	DESCRIPTION
	<p>GP-55L, a high-performance reinforced profile, is developed by folda's R & D in order to withstand extra-large openings.</p> <p>Designed as double wall aluminum extruded profile, GP-55L offers noise reduction and high moment of inertia as main advantages. The former is achieved by introducing hard extruded PVC in the groove section and co-extruded (soft / hard) PVC in the hook section of the profile. GP-55L is designed to be used in residential and commercial buildings.</p> <p>A new added characteristic to GP-55L is that of rigidity. This is ensured through the specially designed polyamide end cap which is reinforced by a zamak counter plate and fixed with screws. As an optional feature, a theft and strong resistance component can be fitted to the end cap.</p> <p>The aluminum vertical guide of the GP-55L is equipped with 2 hard PVC profiles, keeping frictions at a minimum. Two fins inside the guide help the slat not to come apart of the track, allowing for wider openings.</p> <p>Another advantage of GP-55L is its versatility. It can be rolled inward and outward without changing the external appearance of the closure.</p>

Profile Description :

Nominal thickness	12.5 mm
Total height	66.0 mm
Effective height	55.0 mm
Nbr of profiles per meter of height	18.1 units
Moment of inertia	$I_{xx'} = 0.44cm^4$ $I_{yy'} = 7.4cm^4$

RECOMMENDED DIMENSION FOR ASSEMBLY :

Maximum Area	23 m ²
Maximum Width	6.5 m (*)
Maximum Height	5.0 m
Approximate Weight	10.0 Kg/m ²
Minimum Diameter of axle-tree	70 mm

DIAMETERS AFTER ROLL UP (cm):

HEIGHT (cm)	100	140	180	220	260	300	340	380	420
AXE Φ 70	18.0	19.5	23.0	24.0	26.0	27.0	29.0	30.0	32.0
AXE Φ 89	19.0	21.5	23.5	25.5	27.5	28.5	30.5	31.5	32.2
AXE Φ 102	20.0	22.5	24.5	26.5	28.5	29.5	31.5	32.5	33.2

(*) For a width exceeding 6.5m, please contact the technical department.

Remarks:

- GP-55L can be delivered either perforated or non-perforated
- The following dimensions are available in stock in order to reduce waste:
4.0m, 4.5m, 5.0m, 5.5m, 6.0m, 6.6m
- The colors available in stock are:
Mill finish, Anodized silver, White, Bronze powder coated and Wood pattern
- Any RAL or anodized color can be provided at client request.

