

PULLING STRENGTH
FOREST FMS® 45º PULLEY

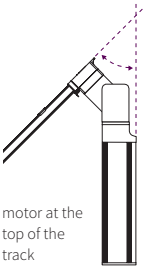
MAXIMUM LOAD CAPACITY OF THE SHUTTLE® M FSS MOTOR (7131000000)

The Forest FMS® 45° Pulley is an adjustable pulley designed for use with a motorised FMS® track installed at an angle. The pulley is exclusively compatible with the Shuttle® M FSS motor, as this motor has a fixed drive. Thanks to this pulley, the motor always hangs vertically, allowing the curtain to travel all the way to the wall.

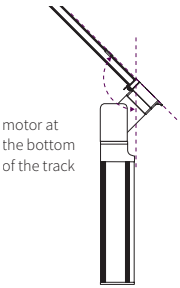
The motor can be installed at either the upper or lower end of the track:

- Motor at the upper end: The FMS® track slopes downwards at an angle of up to 45°.
- Motor at the lower end: The FMS® track slopes upwards at an angle of up to 45°.

The angle of inclination affects the maximum load capacity of the Shuttle® M FSS motor. Refer to the overview below for the maximum permissible curtain fabric weight at each angle of inclination.

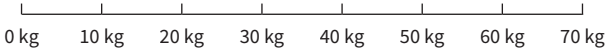


motor at the top of the track



motor at the bottom of the track

Degrees	Distance along the rail	Max. weight curtains
45°	89 mm	2 kg
40°	74 mm	2,75 kg
35°	61 mm	3,75 kg
30°	51 mm	6 kg
25°	42 mm	8,25 kg
20°	34 mm	12,5 kg
15°	27 mm	26,5 kg
10°	20 mm	40 kg
5°	15 mm	51 kg
0°	9 mm	70 kg
-5°	5 mm	50 kg
-10°	0 mm	39,5 kg
-15°	0 mm	26 kg
-20°	0 mm	11,75 kg
-25°	0 mm	6,25 kg
-30°	0 mm	4,25 kg
-35°	0 mm	3 kg
-40°	0 mm	2,25 kg
-45°	0 mm	1,25 kg



FOREST® DRAPERY HARDWARE

MS45GR_061126