

Barco RigiFlex

A rollable, yet rigid, rear-projection screen for the most demanding applications



- **Rigid. Superb performance thanks to a very high-tension surface.**
- **Flexible. Save time, space and money during transport and storage thanks to a roll-up screen.**
- **Fast. Cut installation time in two.**
- **Easy to upgrade. Replacing screens on an existing frame is a breeze.**
- **Large. Sizes up to 20x4m.**
- **Long lifetime. UV resistant and steady performance over time.**

It offers superb performance thanks to its very high-tension surface. As such it is not only very well suited for large set-ups but also in inclined or horizontal position. When used as a cylindrical screen surface, RigiFlex will not suffer from the typical 'belly' in the middle of the screen, which is so common with other traditional rollable screens.

Product specifications**BARCO RIGIFLEX**

Mechanical properties	
Material	Polymer Fabric
Material thickness	< 1mm (
Flatness -lay flat quality	Max. deviation of 0.15% of the smallest screen dimension
Scratch resistance	Good
Flame resistance	Class B2 according to DIN4102-1 Class M4 according to NF P92-507 (2004)
Maximum image dimensions	20,000 mm (787.4") x 3,850 mm (151.5") For larger sizes : please contact Barco
Weight	0.5 kg/m ² (net) 11.86 lbs/ft ²
Break resistance	Excellent
Optical properties	
Peak gain	0.75
Half gain angle horizontal	> 80°
Half gain angle vertical	> 80°
Local contrast	> 100:1
Color Critical Angle	> 35°
Simulated Ambient contrast	10:1
Reflectivity	12%
Ambient light resistance	Fair
Edge blending properties	Excellent
Passive 3D use	No
Speckle behavior	Very good
Screen frame	
Frame material	Aluminium Extrusion Profile with welded steel parts
Screen border	
Border Color	Matte Black
Border material	Aluminium Extrusion Profile
Border Width	200 mm (7,9")
Operating conditions	
Temperature	10°C-40°C 50°F-105°F
Humidity	Up to 70% non-condensing
Storage conditions	
Temperature	0°C-40°C 32°F-105°F
Humidity	Up to 70% non-condensing

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