

# 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**

<b>Mechanical properties</b>	
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 <sup>2</sup> (net) 11.86 lbs/ft <sup>2</sup>
Break resistance	Excellent
<b>Optical properties</b>	
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
<b>Screen frame</b>	
Frame material	Aluminum Extrusion Profile with welded steel parts
<b>Screen border</b>	
Border color	Matte Black
Border material	Aluminum Extrusion Profile
Border width	200 mm (7,9")
<b>Operating conditions</b>	
Temperature	10°C-40°C   50°F-105°F
Humidity	Up to 70% non-condensing
<b>Storage conditions</b>	
Temperature	10°C-40°C   50°F-105°F
Humidity	Up to 70% non-condensing

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