

F5P01

Laser Safety Curtain

Features

The F5P01 barrier curtains are custom designed to fit your laser area. Standard options include grommets, heavy-duty dual lock, and or hook and loop fastener tape.


- Two-layered curtain design for increased laser protection
- Charcoal black color outer layer fiberglass-based fabric with rubberized silicone coating
- Provides excellent thermal and flame resistance
- Abrasion, puncture, and tear resistant
- Repels water and oil

Available Products

- Standard / Custom Framed Barriers
- Roller Shades, Window Covers, Optical Tables, and Small Enclosures



Product Overview - Material Specifications

Part #	F5P01 Curtain
Images	
Layers	2 Layers
Color	Charcoal Black
Maximum Irradiance Level	575 W/cm ² 100 seconds
Weight	6.5 oz./ft ² ± 10%
Thickness	0.045 in. ± 10%
Description	Fiberglass-based fabric with rubberized silicone coating
Features	Excellent thermal and flame resistance. Abrasion, puncture, and tear resistant. Repels water and oil

Tested at 1064nm with 1mm beam diameter

Outer Layer Specifications	
Tensile Strength Method - FTMS 191A/M5102	Warp: 250 lbs/in min. avg. Fill: 200 lbs/in min. avg.
Tear Strength Method - FTMS 191A/M5136	Warp: 50 lbs/in min. avg. Fill: 25 lbs/in min. avg.
Flame Resistance Method - FTMS 191A/M5903.1	Flame Out: 1 second After Glow: 2.5 seconds Char Length: 0.3 in max. avg.
Burst Strength Method - FTMS 191A/M5122	200 lbs/in ² min. avg.
Hydrostatic Resistance Method - FTMS 191A/M5512	200 lbs/in ² min. avg.

Also available:

ESD Standard
ESD Premium
outer layers

Authorized Laservision Signature

Date