

F5P02

Laser Safety Curtain

Features

The F5P02 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.

- Three-layered curtain design for increased laser protection
- Charcoal black color outer layer fiberglass-based fabric with rubberized silicone coating
- Silica woven inner layer
- Provides excellent thermal 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 #	F5P02 Curtain
Images	
Layers	3 Layers*
Color	Charcoal Black
Maximum Irradiance Level	2,150 W/cm ² 100 seconds
Weight	8.5 oz./ft ² ± 10%
Thickness	0.076 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.

Inner Layer Specifications	
Base Cloth Temperature Resistance	1000° F
Base Fabric Content	100% Fiberglass yarns
Base Fabric Weave	Plain
Military Specifications	MIL-C-20079H TYPE I CLASS 10

Also available:

ESD Standard
ESD Premium
 outer layers

Authorized Laservision Signature

Date