

**F5P01 Barrier Curtain Description:**

The F5P01 barrier curtains are custom designed to fit your laser area. Standard options include grommets, 3M Dual Lock, and hook and loop fasteners.

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

**Barrier Curtain Specifications:**

Part Number	F5P01
Maximum Irradiance Level	200 W/cm <sup>2</sup> 100 sec.
Temperature Resistance	500° F
Weight	6.5 oz. ft <sup>2</sup> ± 10%
Thickness	.045 in ± 10%
Color	Charcoal Black (color shade might vary based on production lot)

**F5P01 Barrier Curtain Image:**



Floor-Mount Set Up of F5P01 Curtain Example

**Material Layers:**



**Material Specifications:**

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