

7.0 Twill

NFPA 1977

Units
Values

requirements

Mass Per Unit Area (Weight)

 ASTM D 3776 *Oz./sq.yd.* **7.0**
Width (Cuttable)

 ASTM D 3774 *Inch* **65**
Tear Resistance (Elmendorf)

 ASTM D 1424 (Warp x Filling) *Pound* **34 x 21** 5 min

Dimensional Stability

 After 5 cycles of AATCC 135, 3, V, Aiii *Percent* **4.0 x 0.5** 5 max

Thermal Shrinkage

 NFPA 1971 *Percent* **6.1 x 3.0** 10 max

 NFPA 1971 (After 5 cycles of AATCC 135, 3, V, Aiii) *Percent* **6.5 x 4.5** 10 max

Vertical Flame Resistance

ASTM D 6413 (Initial)

 Char Length (Warp x Filling) *Inch* **3.7 x 3.5** 4 max

 After Flame (Warp x Filling) *Second* **0 x 0** 2 max

 No Melt or Drip *Count* **0** 0 max

ASTM D 6413 (After 100 cycles of AATCC 135, 3, V, Aiii)

 Char Length (Warp x Filling) *Inch* **3.5 x 3.4** 4 max

 After Flame (Warp x Filling) *Second* **0 x 0** 2 max

 No Melt or Drip *Count* **0** 0 max

Radiant Protection Performance

 ASTM F 1939 (After 5 cycles of AATCC 135, 3, V, Aiii) **11.5** 7 min

Total Heat Loss

 ASTM F 1868 *W/m²* **752** 450 min

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