



**4105 Kit Carson**/frontier

24"



**4115 Oakley**/frontier

24"



**4125 Boone**/frontier

24"



**4135 Sam Houston**/frontier

24"



**4145 Calamity Jane**/frontier

24"



**4155 Earp**/frontier

24"



**4165 Lewis**/frontier




24"



**4175 Crockett**/frontier

24"

# StaticSmart™ ESD Carpet | FRONTIER SERIES

	Carpet Tile	Broadloom Carpet	StatLock for Access Floors
<b>Construction:</b>	Textured loop	Same	Same
<b>Yarn weight:</b>	22 oz./sq. yd. (745.93 g/sm)	26 oz./sq. yd. (881.55 g/sm)	26 oz./sq. yd. (881.55 g/sm)
<b>Total weight:</b>	96.98 oz./sq. yd. (3288.18 g/sm)	61.6 oz./sq. yd. (2088.6 g/sm)	70.45 oz./sq. yd. (2388.66 g/sm)
<b>Stitches per inch:</b>	9.0	9.0	9.0
<b>Pile height:</b>	0.156" (3.96 mm)	0.187" (4.75 mm)	0.187" (4.75 mm)
<b>Fiber:</b>	ECO Solution Q SD Nylon	ECO Solution Q SD Nylon	ECO Solution Q SD Nylon
<b>Sizes:</b>	 24" x 24"	 12' broadloom	 StatLock 12' 3" broadloom
<b>Conductive fiber:</b>	Continuous conductive StaticSmart™ FibreLink monofilament in every tuft		
<b>kV rating:</b>	AATCC 134-1996 electrostatic propensity: less than 2 kV. Tested at 20% relative humidity at 20° Celsius and 70° Fahrenheit.		
<b>Electrical resistance:</b>	<p>ESD S7.1/NFPA 99 Resistive Characterization of Materials: Six or more readings from surface to groundable point. Tested with an applied voltage of 100V. Measured in Ohms, 1.0 x 10<sup>5</sup> minimum, 1.0 x 10<sup>8</sup> maximum.</p> <p>ESD S7.1/NFPA 99 Resistance Characterization of Materials: Six or more readings between electrodes placed 1 foot apart. Tested with an applied voltage of 100V. Measured in Ohms, 2.5 x 10<sup>4</sup> minimum, 5.0 x 10<sup>7</sup> maximum.</p> <p>Electrical Resistance/Voltage Test ANSI/ESD S-20.20, compliant when using approved conductive footwear system. Results within recommended range &lt; 35 x 10<sup>6</sup> Ohm or &lt; 100 volts.</p> <p>D.O.D. HDBK263A, Section 40.1.2: Meets recommended guidelines for sensitive ESD devices, Class 1.</p> <p>Roller Caster Electrical Test (CET) Assessment. After 100,000 chair caster cycles there was no depreciable change in conductivity or electrical performance. Lab data available on request.</p>		
<b>Groundable path:</b>	StaticSmart™ ground strip or RTG Connector Kit	StaticSmart™ ground strip	Ground panel to pedestal head
<b>Grounding frequency:</b>	1 per 1,000 sq. ft.	Same	Each panel
<b>Backing systems:</b>	Dissipative StaticSmart backing, 100% PVC-free recyclable, made from recycled materials	Dissipative unitary	StatLock dissipative polyurethane w/ 20# tuft bind and 10# edge lock
<b>Adhesives:</b>	Conductive releasable adhesive for carpet tile 1.0 x 10 <sup>6</sup> Ohms RTT	Premium high grade multipurpose	Conductive contact adhesive supplied by access floor mfr. 1.0 x 10 <sup>6</sup> Ohms RTT
<b>Availability:</b>	No minimum	Custom order, call for details	Custom order, call for details
<b>Flammability:</b>	ASTM E-648 flooring radiant panel - Class 1 ( ≥ .45 W/cm <sup>2</sup> ) ASTM E-662 NBS smoke density - less than 450	Same	Same



StaticSmart ESD Carpet Tile has been awarded the Carpet and Rug Institutes' Green Label Plus certification for Indoor Air Quality.

Green Label Plus is a voluntary industry testing program for carpet products that establishes the highest standard for indoor air quality (IAQ) ever set by the carpet industry. Green Label Plus identifies carpets that are tested by an independent, certified laboratory and meet stringent criteria for low chemical emissions.

StaticSmart Carpet / Tile is ideal for: ■ Electronics manufacturing, assembly, test and repair ■ Offices located inside electronics manufacturing or test areas ■ Any area where circuit boards are handled or used ■ Engineering areas ■ Design areas ■ Research and development ■ Electronics labs

This information is accurate and current but may be subject to change without notice.

REV 09/06