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| ATPV (Arc value, ASTM F1959-99) (Arc value, IEC 61482-1, Method A) | 6.3 cal/cm ² 263.8 kJ/m ² (Class 1) |
| Heat Attenuation Factor, HAF | 67.5% |
| FLAMMABILITY AND STATIC DECAY TEST RESULTS | |
| Flame Retardance (NASA NHB 8060.1B) | CLASS 1 |
| Initial Flammability (ASTM F1506-01, ASTM D6413) Char length Afterflame Dripping | 1.5 in (average of warp and fill) none none |
| Voltage Decay | 0.15 sec |
| Surface Resistivity (AATCC 76-1982) | 10 ⁹ ohm/sq |
| NASA Triboelectric Voltage Decay | 250V @ 3.5 sec, 100V @ 5 sec |
| TEXTILE PROPERTIES | |
| Construction | Plain weave, 1/4 in (6.5mm) grid |
| Yarn Content by weight | 99% filament Nomex [®] , 1% carbon for ChemStat 919 |
| Weight (ASTM D3776, option C) | 5.0 oz/yd ² |
| Air Permeability (ASTM D 737) | 9.7 cfm |
| OTHER PROPERTIES | |
| Chemical Compatibility Salts and Alkalis Organic acids and Chemicals Jet Fuel Mineral Acids | Excellent Excellent Excellent Good |
| Laundry Compatibility | DI water, Perchlorethylene, Freon TF |
| Sterile Compatibility | Steam Autoclave, Gamma Radiation (250 Mrad) |
| Optical Rating (ASTM E 284) | Opaque |
| Durability (ASTM D 4157) 15,000 cycles | no noticeable wear |