

TECH SERVICES DOCUMENT

Physical Data - ProVent® 10,000

Rev. (11/14)

Physical Property	Test Method	Results Imperial	Results Metric
Basis Weight	ASTM D751	2.29oz/yd ²	78 g/m ²
Grab Tensile Strength	ASTM D751	MD 51 lbs CD 36 lbs	MD 226 N CD 160 N
Trapezoid Tear	ASTM D1117	MD 5.3 lbs CD 11.2 lbs	MD 23 N CD 49 N
Ball Burst	ASTM D751	46 lbs	204 N
Hydrostatic Resistance	ASTM D751 PROCEDURE B, 1	127 cm+	127 cm+
Moisture Vapor Transmission Rate	ASTM E-96 PROCEDURE B	1035 (g/m ² /24hrs)	1035 (g/m ² /24hrs)
Surface Resistivity (ohm/cm) Anti-stat Properties	ASTM D257 / NFPA 99	4.7x10 ⁸	4.7x10 ⁸
Viral Penetration (Pass/Fail)	ASTM F1671	PASS	PASS
Synthetic Blood Penetration Resistance (Pass/Fail)	ASTM F1670	PASS	PASS

Sources for all test data generated are from independent laboratories. All tests were performed under laboratory conditions and not under actual use conditions. Tests were performed on material samples, not actual garments.

Warning: This information is based on technical data that Kappler believes to be reliable. It is subject to revision as additional knowledge and experience are gained. The website will contain Kappler's most up to date product information, and customers who receive pamphlets, brochures or other literature should be aware that such "hard copy" information may not be as current as the information on Kappler's website. Customers should also recognize that there are uses, environments and chemicals for which Kappler products, garments and/or fabrics are unsuitable. It is the responsibility of the user to review available data and verify that standards. Also, the customer should review all available information on the website to understand the uses- and limitations- on ALL products, garments and fabrics which Kappler makes available.

CAUTION: Do not use for fire protection. Avoid open flame or intense heat.

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