

For Medical Gowns & PPE

Technical Datasheet

Daltex[®] Breathable Barrier is a soft, breathable, high abrasion resistant, composite textile suitable for medical gowns and PPE for the protection against contact with blood and body fluids.

Daltex[®] Breathable Barrier meets minimum WHO requirements identified in "Technical Specification for the COVID-19 Pandemic" and is in conformance with EU Commission document 2020/403.

Technical Data	Test Method	Daltex [®] Breathable Barrier
Fabric Weight (g/m²)	NWSP 130.1	83
Abrasion Resistance	EN 13034:2005 +A1:2009 Clause 4.1 Materials	Level 1 PASS *
Trapezoidal Tear Resistance	EN 13034:2005 +A1:2009 Clause 4.1 Materials	Level 2 PASS *
Tensile Strength	EN 13034:2005 +A1:2009 Clause 4.1 Materials	Level 1 PASS *
Puncture Resistance	EN 13034:2005 +A1:2009 Clause 4.1 Materials	Level 1 PASS *
Resistance to Penetration by Blood Borne Pathogens	ISO 16604:2004 Procedure C	(3.00kPa) PASS *
Determination of pH	EN ISO 3071:2006	PASS*
Moisture Vapour Transmission Rate (g/m²/24hrs)	ASTM E96	827
Thickness (mm)	NWSP 120.1	0.35
Hydrostatic head (cm)	EN ISO 20811	155

* These tests, specified for PPE, are mandated in harmonised European standards.

Testing to EN 13795-1

Microbial Penetration	BS EN 13795-1 2019	Fulfills standard performance requirements
Cleanliness - Microbial	BS EN ISO 11737-1:2006	<300 CFU / 100cm ²
Bursting Strength Dry	EN ISO 13938	75.4 kPa
Bursting Strength Wet	EN ISO 13938	69.2 kPa



All products are manufactured under BS EN ISO 9001.

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