

FACE MASK

Outer Layer Coverstock

WL11399W/D/B

Description:

Soft, lightweight wetlaid nonwoven fabric that can be used as an outer layer coverstock for pleated surgical face masks. This fabric is available in white (W), blue (B) or green (D) and can be decoratively printed. It provides a hydrophobic, uniform covering for the filter media. It adds little to the overall pressure drop of a finished face mask, making it highly breathable which is desirable for long procedures. It contains a proportion of thermoplastic fibers that makes it suitable for thermal bonding and/or ultrasonic assembly techniques. The fabric is not manufactured with natural rubber latex.

Physical properties	Method	Units	Typical Values
Basis Weight	ASTM D3776	gsm	18.6
Dry Tensile Strength CD	Tappi T494	g/25mm	600
Dry Tensile Strength MD	Tappi T494	g/25mm	2600
Air Permeability	Tappi T251	L/min/100cm ²	1300
Water absorbency	Tappi T432-om94	Seconds	>300

ISO 10993 Biological Evaluation	Method	Units	Typical Values
Cytotoxicity	ISO 10993-5	Pass/Fail	Pass
Skin Irritation	ISO 10993-10	Pass/Fail	Pass

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