



Composite Media for Surgical Face Mask

- **Style Number: (TG77007)** – 3 Layer Light Weight Composite Filter Media.
- **Description:** ASTM Lv3 Face Mask media – Polypropylene/ePTFE membrane/Polyester composite filter media.
- **Construction:** Polypropylene spunbond nonwoven w/ePTFE fine filtration layer and a surface layer of polyester nonwoven for use in surgical masks
- **Finish:** Sonic Lamination

Property	Target	Metric	Test Method
Weight	2.2 - 2.5 (75 - 85)	oz/yd ² (g/m ²)	ASTM D461
	n/a	lb (lbs/3000ft ²)	TAPPI 410
Air Permeability	20 - 30	ft ³ /min/ft ² (cfm) @ .5" H ₂ O	ASTM D 737 (U.S.)
	160 - 180	l/dm ² /min @ 200 Pa	DIN 53887 (Germany)
Thickness	0.040 1.00	inches (mms)	TAPPI 411
MERV Rating	MERV 16+		ASHRAE 52.2
Filtration Rating		> 95 % efficient at 0.3 micron at 5.33cm/sec face velocity.	TSI 8130
Target Pressure Drop	< 75 pascals	Pascals at 5.33cm/sec face velocity	TSI 8130
Tensile Strength (MD)	n/a	lbs/2"	ASTM D-461
Available Widths	10.0" or 254mms 63.8 or 1620	inches	mm
Process Data	Roll length up to 1000 linear meters. Supplied on 76mm or 3.0" ID cores		
Applications	Surgical Face Mask Applications		

Target specifications are an average of 5 readings across the width of the sample roll



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