



Media for ASTM face masks

An experienced global leader in the filtration industry, Cummins Filtration has been designing and manufacturing cutting-edge filter technology for diesel engines since 1958. Cummins Filtration has a history of providing innovative products to meet stringent industry requirements.

The same high standards for particle removal and breathability are also required for the ASTM face mask. We're making our advanced technology available to you.

PP filter media

Our proprietary charged enhanced meltblown polypropylene features high bacterial filter efficiency (BFE) $\geq 98\%$. Cummins Filtration media delivers high sustained capture efficiency plus required "breathability."

Validated through daily testing

We follow stringent quality-control methodology in the manufacture of our filter media, which is critical to ensure performance with ASTM face masks.

Typical Physical Properties	Test Standard	Cummins Filtration Media for Face Masks
Material Nonwoven Format	N/A	Polypropylene "SM"
Basis Weight	TAPPI 410	37 g/m ²
Thickness	TAPPI 411	0.29 mm
Air Permeability @125 Pa	ISO 9237	200 l/m ² /s
BFE	ASTM F2100, ASTM F2101, EN 14683	>98% expected
Breathability, Flow Resistance	ASTM F2100, EN 14683	<5 mm H ₂ O/cm ²

Cummins fiber media is not intended for medical purposes and has not been tested to ASTM Test Method F1862 or cleared by the FDA. Cummins Filtration makes no representations as to the fitness of the media for medical purposes, and it disclaims all warranties, express and implied. The contents of this document are for informational purposes only, and manufacturers should test all products into which the media is incorporated for safety and efficacy in accordance with federal law. Biocompatibility testing per EN ISO 10993-1:2009 pending.



Learn More

For more information on our filtration media technology, visit CumminsFiltration.com