

NEW Advanced Filtration Media

N95 Facemask Media Offering



General Description

SWM has developed a new, high-performing Delpore™ Advanced Filtration Media ideal for air filtration applications like N95 and surgical facemasks. We have a diverse offering of facemask materials which can provide options that have greater than 95% efficiency at standard flow rates of 32, 48 or 85 liters per minute (lpm).

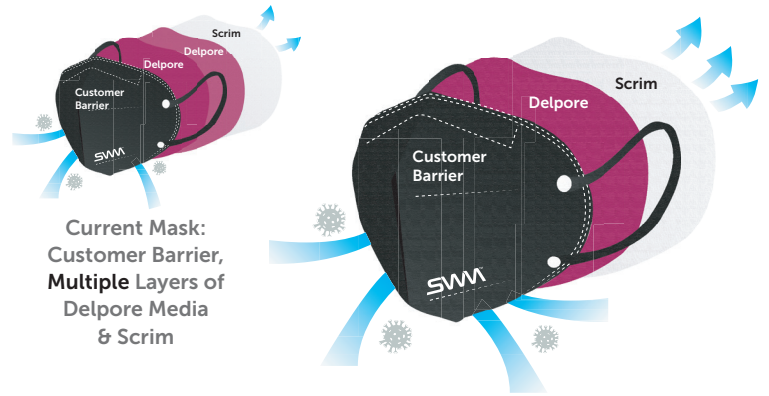
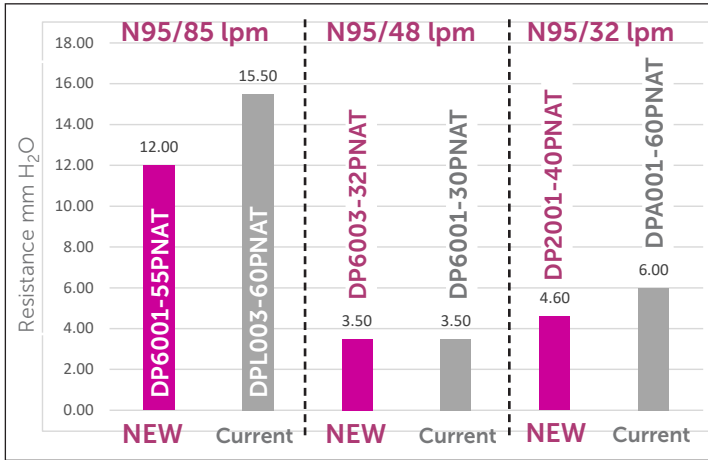
Features	Benefits
New & Improved Design	Allows for development of thinner material
Weight Reduction	Historical 2 layer N95 material can now be a single layer with up to 30% basis weight reductions
Improved Performance Efficiency	Increased comfort for the end user - all of our materials are significantly below the recommended 15 mm/H ₂ O resistance that is considered ideal for all-day long comfort
Lower Resistance & Pressure Drop	The lower the resistance & pressure drop, the more breathable the mask
Customization Options	Gamma stable additive extrusion available; Variety of roll widths & lengths available

Delpore Product Description	Target Penetration (percent)	Efficiency at 0.3 micron NaCl (percent)	Flow Rates (lpm)	Target Resistance (mm w.g. at 32 lpm)	Shelf life (years)	Typical Width of Material (Inches on Slit Reels)	Standard Core ID (inside diameter in inches)
DP2001-40PNAT	1%	99%	32	3.5	Up to 3	Up to 90	3 inches
DP6003-32PNAT	3.5%	96.5%	48	3.5			
DP6001-55PNAT	2%	98%	85	12			

Technical Data

Delpore Resistance

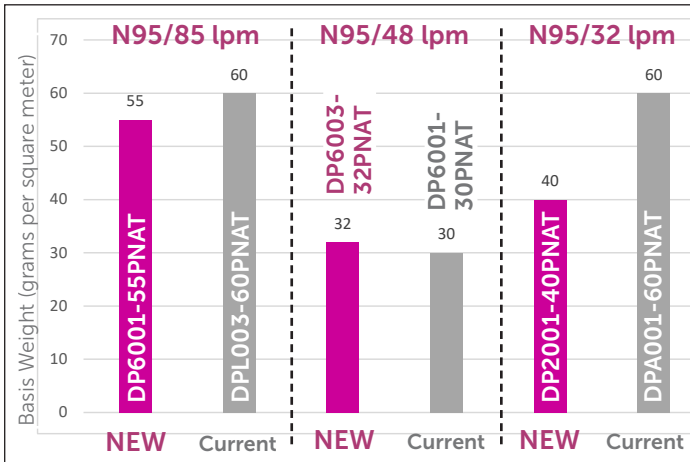
The resistance to air flow at a given flow rate and is measured in millimeters H₂O.



NEW More Comfortable Masks are Possible:
Customer Barrier, ONE Layer of Thinner, Lighter
Delpore Media & Scrim

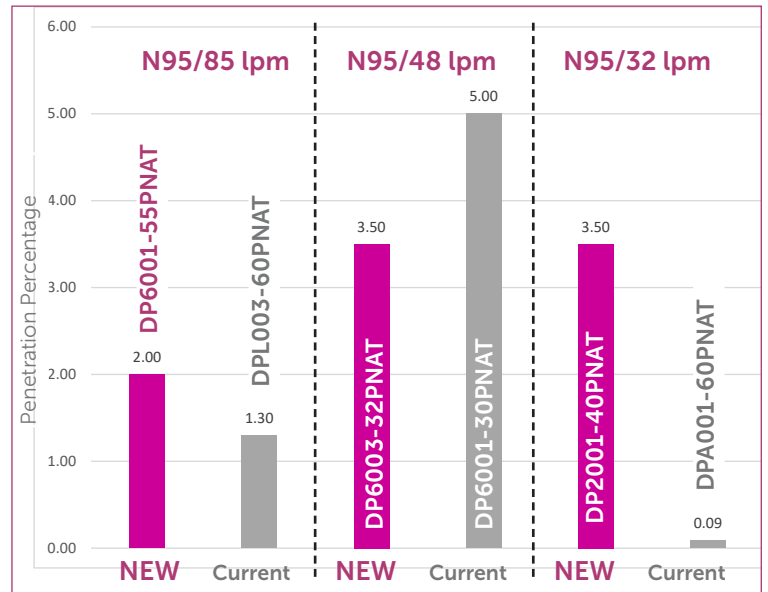
Delpore Basis Weight

The weight of the media. SWM measures that as grams per square meter (gsm).



Delpore Penetration

The percentage of measured particles at a given flow rate that pass through that media.



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AMSFMEDIA032022

About SWM

SWM is a leading global performance materials company. We use natural fibers, resins, and polymers to provide essential solutions that enhance product performance and help our customers win in a variety of industries and applications. For further information, please visit our web site at www.swmintl.com.

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