

**Delpore**  
Nonwoven Media

**Delnet**  
Apertured Film



# Comfortable & Breathable Advanced Materials for Face Masks

# Key Product Specifications

Delpore Product Description	Target Penetration (percent)	Efficiency at 0.3 micron NaCl (percent)	Target Resistance (mm w.g. at 32 lpm)	Flow Rates (lpm)	Basis Weight (gsm)	Shelf Life (years)	Typical Roll Length (inches)	Typical Roll Width (linear yards)	Standard Core ID (inside diameter in inches)
<b>DP2001-40PNAT - NEW</b>	1.0%	99%	3.5	32	40	Up to 3 years	Up to 85 inches on slit reels	Up to 1500 linear yards	3 inches
<b>DP6003-32PNAT - NEW</b>	3.5%	96.5%	3.5	48	32				
<b>DP6001-55PNAT - NEW</b>	2.0%	98%	12	85	55				
<b>DPA001-60PNAT</b>	0.09%	99.91%	6	32	60				
<b>DP6001-30PNAT</b>	5%	95%	3.5	48	30				
<b>DPL003-60PNAT</b>	1.3%	98.7%	15.5	85	60				

Delnet Product Description	Resin	Thickness Mil (gsm)	Basis Weight Oz/yd <sup>2</sup> (gsm)	Air Porosity ft <sup>3</sup> /min/ft <sup>2</sup> (m <sup>3</sup> /min/m)	Tensile Strength (MD) lb/inch (g/cm)	Typical Roll Lengths (Linear Yards)	Standard Core ID (inches)
<b>P520</b>	HDPE	<b>4.6 (117)</b>	<b>0.78 (26.4)</b>	350 (0.921)	3.5 (625)	Up to 2200	3 inches
<b>P530</b>	HDPE	<b>4.3 (110)</b>	<b>0.55 (18.6)</b>	700 (1.842)	3.5 (625)	Up to 2200	3 inches

## Features and Benefits

SWM offers specialized Delpore™ nonwoven media and/or Delnet™ apertured film with features and benefits including:

- NEW Delpore Advanced Filtration Media offers performance improvements
- Excellent **breathability** ratings without sacrificing BFE performance or blood strike through performance
- **Low resistance** levels to enhance breathability
- Stable electrostatic charge with minimum 3 year shelf life
- A **variety of weights** are available
- Customized media can be developed from **lightweight**, nonwoven extrusion
- Precise rates of permeability can be achieved for use as a surface layer in medical face masks
- **Comfortable** to wear for end user
- Custom roll widths and lengths available
- Materials for all types of face masks such as industrial (dust and fume), foldable, molded, dental, surgical, contaminant/pollution, airborne disease and more



Comfortable and breathable media samples and roll stock

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## 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](http://www.swmintl.com).

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