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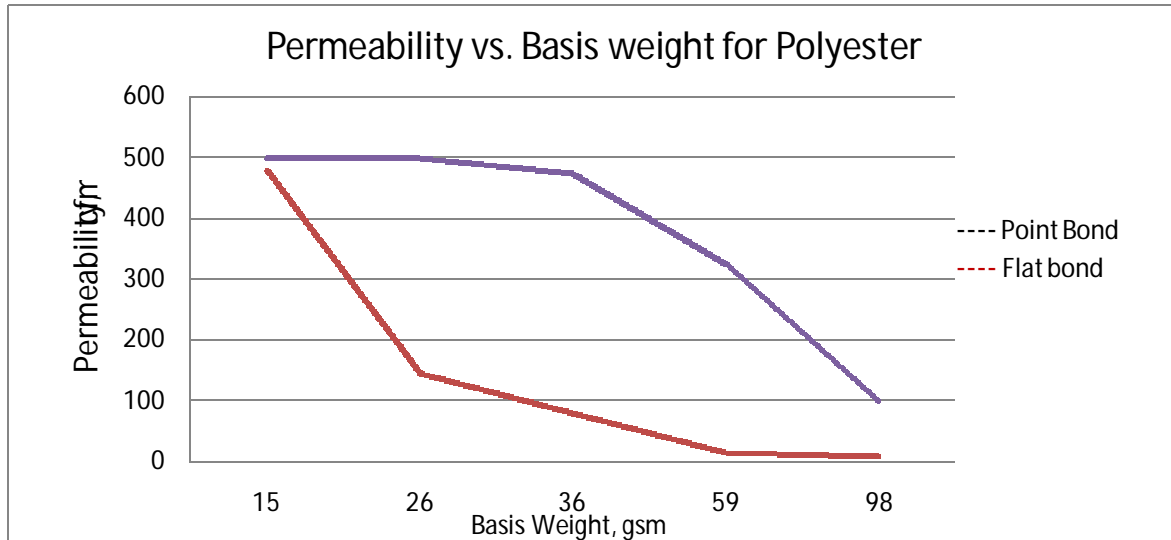
Filtration and Separation

Widely found in a multitude of filtration and separation applications, Bondex nonwovens products are used for membrane casting substrates, cartridge support, media laminate and gas and liquid filter media.

Bondex manufacture a number of products for these markets in materials such as Polypropylene, Polyester, PLA, Nylon, and PPS based upon our customer's needs. These products can be used as provided or laminated to media such as e-PTFE , PS, or PES type membranes or other high efficiency filtration layers. Specific grades are also suitable for full pleating or as a co-pleated support to assist with air and liquid flow.

Filtration and Separation						
		Membrane Casting Substrates				
	Fiber	Reverse Osmosis	Ultra Filtration	Micro Filtration	Pleatable Media	Media Laminate
Polyester	PET	X	X	X		
	PET/CoPET		X		X	X
	PET/Cryst PET		X		X	X
	PET/PE				X	X
Polyolefin	PP		X	X		
	PP/PE		X		X	X
Specialty	PPS	X	X	X	X	X
	PLA		X		X	X
	Nylon		X		X	X

Bondex products provide very controlled permeability's over a wide range air flows as the chart below shows. More open (permeable) and/or greater thickness substrates can also be provided through selection of specific fibers and processing conditions. Products are available in either a flat or point bond style in a variety of different materials.



For medical or food applications Bondex offer a variety of grades for the common sterilization methods of Gamma, Ethylene Oxide, and Steam Sterilization. FDA approved products are also available.

Bondex Nonwovens for Medical and Food Products

	FDA	Gamma	EtO	Steam
PET	Y	Y	Y	N
PP	Y	N	Y	Y
PPS	Y	Y	Y	Y
PLA	Y	Low doses (< 25 Kgy)	Y	N
Nylon	Y	N	Y	N

For more detailed information on above approvals please contact Bondex.

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