

## OMNIFLUX™ NYLON MEMBRANE TPPA-0.20-V2 TECHNICAL DATASHEET

### INTRODUCING SUPERIOR NYLON MEMBRANE MEDIA

**BEST IN CLASS, DELIVERING HIGHER FLUX AND LOWER PRESSURE FOR HIGH PURITY LIQUID FILTRATION**

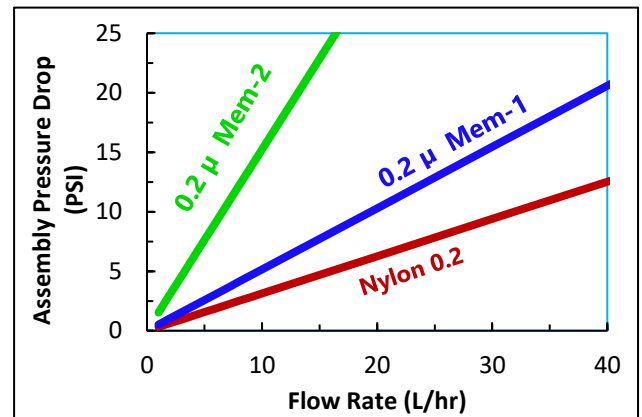
NYLON TPPA-0.20-V2 TECHNICAL DATASHEET		
Property	Value	Test Method
Material	Nylon	
Basis Weight	75 gsm	ASTM D3776
Micron Rating	0.20 µm	
Thickness	0.20 mm	ASTM D1777
Air Perm @ 2500Pa	18 cfm	ASTM D737
Mean Flow Pore	0.22 µm	ASTM F316
Tensile MD	4.2 lbs/in	ASTM D5035
Roll Putup: Std. 25" (max. 50") x max. 300m w/ 3" core		

Superior Nylon membrane outperforms traditional Nanofiber media

- ✓ Meets and exceeds the performance of microporous cast membranes
- ✓ Delivers higher flux and lower pressure
- ✓ Processes well
- ✓ Similar economics to current commercial grades
- ✓ Suitable for Pharma/Bio, Water, Food & Beverage, Fermentation, Chemical Processing, Semiconductor, Electronics, Clarification, etc.
- ✓ Overall best in class media

#### High Flow Rate, Lower Pressure

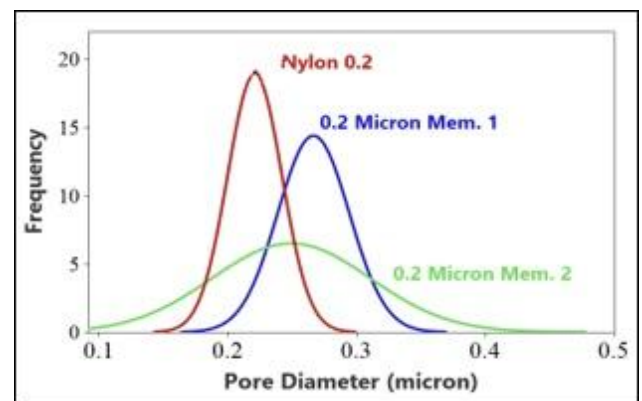
Nylon membrane composite design has superior pressure drop than current commercial grades



Fibrous gradient structure gives superior pressure drop

#### Pore Size Uniformity – Best In Class

Best in class pore size uniformity for best-in-class process modeling



Uniform pore size enables improved flow rate, faster and more predictive data modeling of filtration performances

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## OMNIFLUX™ NYLON MEMBRANE TPPA-0.45-V2 TECHNICAL DATASHEET

### INTRODUCING SUPERIOR NYLON MEMBRANE MEDIA

**BEST IN CLASS, DELIVERING HIGHER FLUX AND LOWER PRESSURE FOR HIGH PURITY LIQUID FILTRATION**

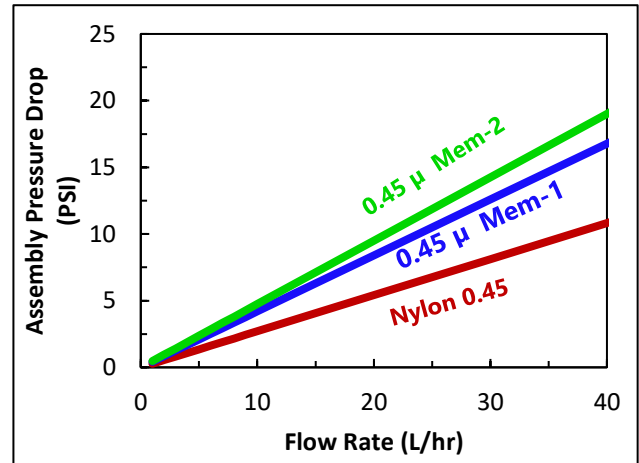
NYLON TPPA-0.45-V2 TECHNICAL DATASHEET		
Property	Value	Test Method
Material	Nylon	
Basis Weight	75 gsm	ASTM D3776
Micron Rating	0.45 $\mu$ m	
Thickness	0.20 mm	ASTM D1777
Air Perm @ 125Pa	1.8 cfm	ASTM D737
Mean Flow Pore	0.3 $\mu$ m	ASTM F316
Tensile MD	4.2 lbs/in	ASTM D5035
Roll Putup: Std. 30" (max. 60") x max. 300m w/ 3" core		

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- ✓ Delivers higher flux and lower pressure
- ✓ Processes well
- ✓ Similar economics to current commercial grades
- ✓ Suitable for Pharma/Bio, Water, Food & Beverage, Fermentation, Chemical Processing, Semiconductor, Electronics, Clarification, etc.
- ✓ Overall best in class media

#### High Flow Rate, Lower Pressure

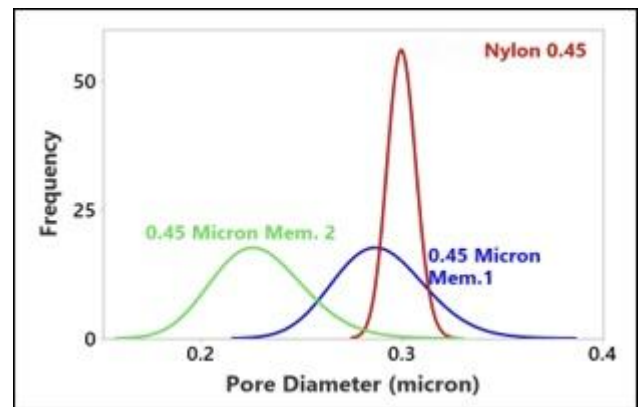
Nylon composite design has superior pressure drop than current commercial grades



Fibrous gradient structure gives superior pressure drop

#### Pore Size Uniformity – Best In Class

Best in class pore size uniformity for best-in-class process modeling



Uniform pore size enables improved flow rate, faster and more predictive data modeling of filtration performances

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## OMNIFLUX™ NYLON MEMBRANE TPPA-0.65-V2 TECHNICAL DATASHEET

### INTRODUCING SUPERIOR NYLON MEMBRANE MEDIA

**BEST IN CLASS, DELIVERING HIGHER FLUX AND LOWER PRESSURE FOR HIGH PURITY LIQUID FILTRATION**

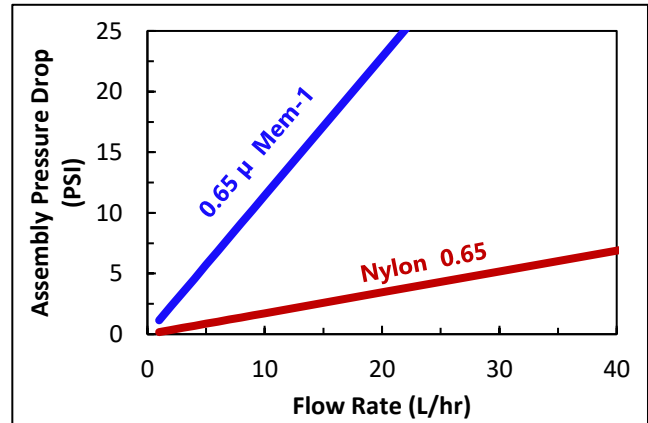
NYLON TPPA-0.65-V2 TECHNICAL DATASHEET		
Property	Value	Test Method
Material	Nylon	
Basis Weight	75 gsm	ASTM D3776
Micron Rating	0.65 µm	
Thickness	0.20 mm	ASTM D1777
Air Perm @ 125Pa	3.8 cfm	ASTM D737
Mean Flow Pore	0.43 µm	ASTM F316
Tensile MD	4.2 lbs/in	ASTM D5035
Roll Putup: Std. 30" (max. 60") x max. 300m w/ 3" core		

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#### High Flow Rate, Lower Pressure

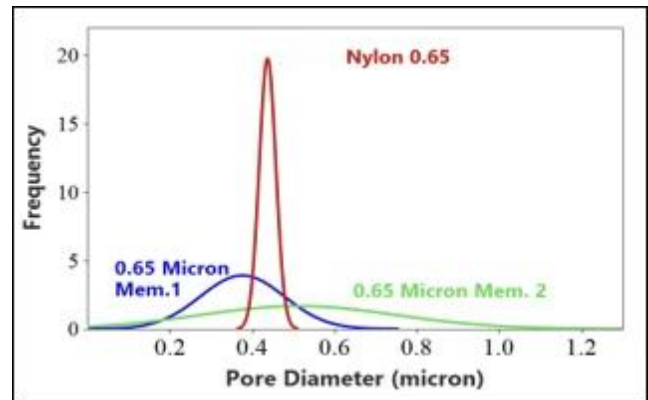
Nylon composite design has superior pressure drop than current commercial grades



Fibrous gradient structure gives superior pressure drop

#### Pore Size Uniformity – Best In Class

Best in class pore size uniformity for best-in-class process modeling



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## OMNIFLUX™ NYLON MEMBRANE TPPA-0.80-V2 TECHNICAL DATASHEET

### INTRODUCING SUPERIOR NYLON MEMBRANE MEDIA

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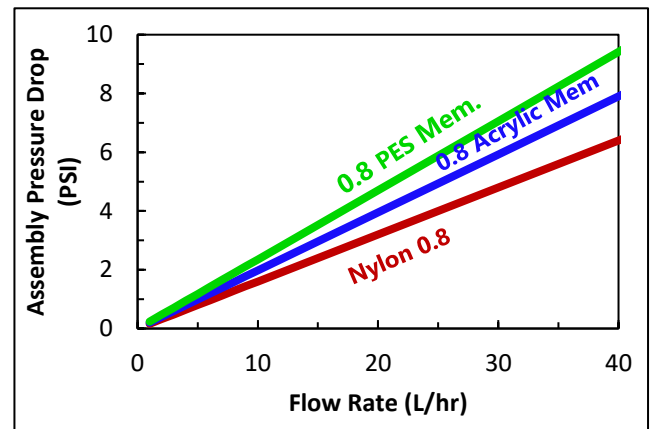
NYLON TPPA-0.80-V2 TECHNICAL DATASHEET		
Property	Value	Test Method
Material	Nylon	
Basis Weight	75 gsm	ASTM D3776
Micron Rating	0.80 µm	
Thickness	0.20 mm	ASTM D1777
Air Perm @ 125Pa	4.0 cfm	ASTM D737
Mean Flow Pore	0.65 µm	ASTM F316
Tensile MD	4.2 lbs/in	ASTM D5035
Roll Putup: Std. 25" (max. 50") x max. 300m w/ 3" core		

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- ✓ Similar economics to current commercial grades
- ✓ Suitable for Pharma/Bio, Water, Food & Beverage, Fermentation, Chemical Processing, Semiconductor, Electronics, Clarification, etc.
- ✓ Overall best in class media

#### High Flow Rate, Lower Pressure

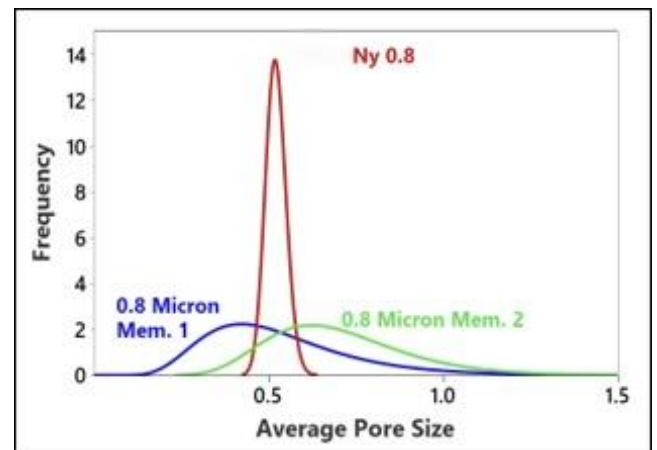
Nylon composite design has superior pressure drop than current commercial grades



Fibrous gradient structure gives superior pressure drop

#### Pore Size Uniformity – Best In Class

Best in class pore size uniformity for best-in-class process modeling



Uniform pore size enables improved flow rate, faster and more predictive data modeling of filtration performances

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## OMNIFLUX™ NYLON MEMBRANE TPPA-1.20-V2 TECHNICAL DATASHEET

### INTRODUCING SUPERIOR NYLON MEMBRANE MEDIA

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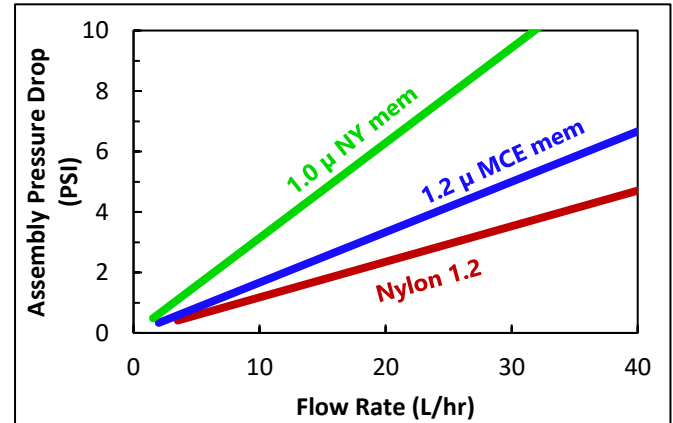
NYLON TPPA-1.20-V2 TECHNICAL DATASHEET		
Property	Value	Test Method
Material	Nylon	
Basis Weight	75 gsm	ASTM D3776
Micron Rating	1.2 μm	
Thickness	0.20 mm	ASTM D1777
Air Perm @ 125Pa	6.0 cfm	ASTM D737
Mean Flow Pore	0.66 μm	ASTM F316
Tensile MD	4.2 lbs/in	ASTM D5035
Roll Putup: Std. 30" (max. 60") x max. 300m w/ 3" core		

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- ✓ Overall best in class media

#### High Flow Rate, Lower Pressure

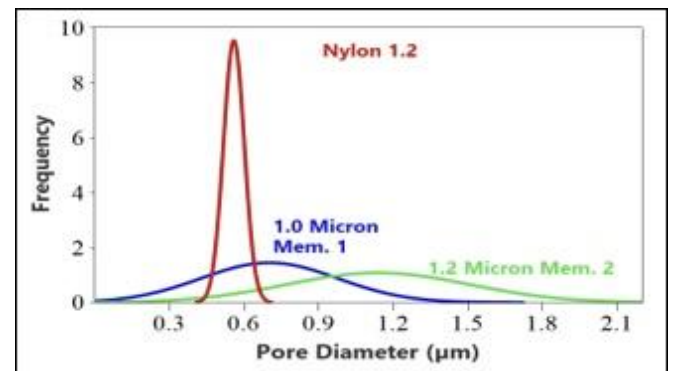
Nylon composite design has superior pressure drop than current commercial grades



Fibrous gradient structure gives superior pressure drop

#### Pore Size Uniformity – Best In Class

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## OMNIFLUX™ NYLON MEMBRANE TPPA-5.0-V2 TECHNICAL DATASHEET

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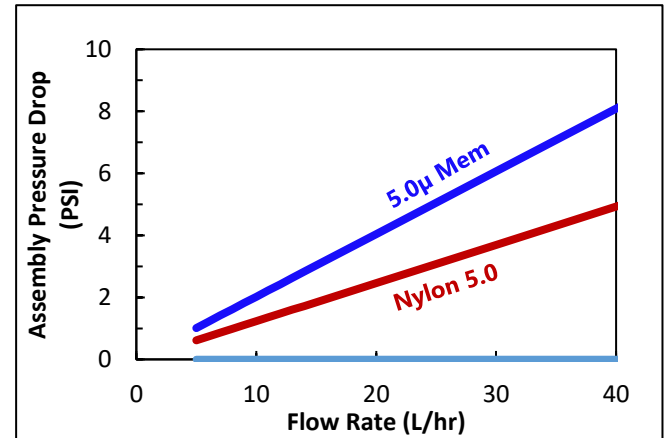
NYLON TPPA-5.0-V2 TECHNICAL DATASHEET		
Property	Value	Test Method
Material	Nylon	
Basis Weight	75 gsm	ASTM D3776
Micron Rating	5.0 µm	
Thickness	0.20 mm	ASTM D1777
Air Perm @ 125Pa	7.0 cfm	ASTM D737
Mean Flow Pore	0.8 µm	ASTM F316
Tensile MD	4.2 lbs/in	ASTM D5035
Roll Putup: Std. 30" (max. 60") x max. 300m w/ 3" core		

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#### High Flow Rate, Lower Pressure

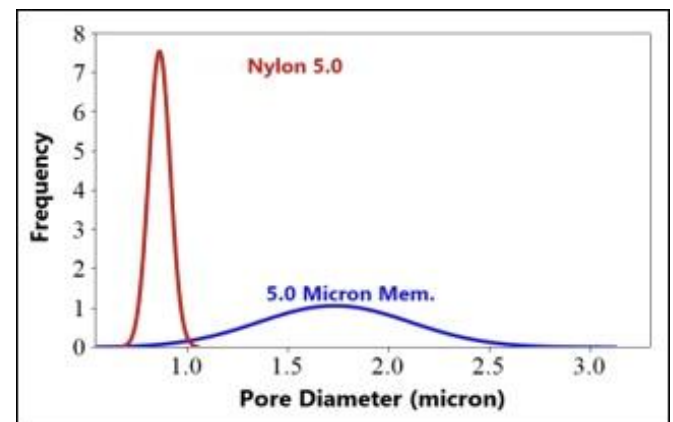
Nylon composite design has superior pressure drop than current commercial grades



Fibrous gradient structure gives superior pressure drop

#### Pore Size Uniformity – Best In Class

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