

Expanding Our Product Line

Introducing Tetratex® 7018

This 20 ounce white felt with expanded PTFE membrane is a perfect fit for your high-end filtration baghouse process applications such as:

TiO₂ - oxidizers, chlorinators, dryers, micronizers

Lead – smelters, dryers

Medical

Hazardous

Specialty incinerators

Catalysts

It has proven to be successful in high temperature applications needing a chemical resistant product. Once you have installed this product in your plant you will realize that no other product fits your needs like our 20 ounce PTFE felt with expanded PTFE membrane - 7018.

Product Code 7018

Tetratex Expanded PTFE Membrane on White PTFE Felt

<u>US</u>		<u>Metric</u>	
Fiber Composition	PTFE	Fiber Composition	PTFE
Industry Basis Weight (oz/yd ²)	20	Industry Basis Weight (gm/m ²)	680
Weight after Thermobonding (oz/yd ²)	19.2 – 22.3	Weight after Thermobonding (gm/m ²)	650 - 756
Thickness Nominal (inches)	0.040	Thickness Nominal (mm)	1.5
Width (+1" / -0")	80, 82	Width (+2.5 cm / -0 cm)	203, 208
Average Air Permeability (CFM/ft ² @ 0.5" wg)	3 - 8	Average Air Permeability (l/min/dm ² @ 20 mm wg)	14 - 39
	500	Continuous Service Temperature (°C)	245
Continuous Service Temperature (°F)		Minimum Mullen Burst Strength (kg/cm ²)	17.5
Minimum Mullen Burst Strength (psi)	250	Breaking Strength per 50.8 mm width (kg)	
Breaking Strength per 2" width (lb)		Expected Value - MD	N/A
Expected Value - MD	N/A	CMD	N/A
Minimum Allowable - MD	110	Minimum Allowable - MD	50
CMD	110	CMD	50
Maximum Shrinkage	3%	Maximum Shrinkage	3%
	2 hr		2 hr
(unrestricted)dry heat (°F)	@ 500	(unrestricted)dry heat (°C)	@ 260

