

- Consistency • Versatility
- Commercial Viability

## Technical Data Sheet | nTEX

- **Style Number:** (NP003) - nTEX - F9 synthetic filter media
- **Description:** F9 - polyester/nanofiber - composite filter media
- **Construction:** Polyester nonwoven with nanofiber surface filtration layer
- **Finish:** None

Property	Target	Metric	Test Method
Weight	3.3 - 4.6 (115 - 125)	oz/yd <sup>2</sup> (g/m <sup>2</sup> )	ASTM D461
	n/a	lb (lbs/3000ft <sup>2</sup> )	TAPPI 410
Air Permeability	22 - 35	ft <sup>3</sup> /min/ft <sup>2</sup> (cfm) @ .5" H <sub>2</sub> O	ASTM D 737 (U.S.)
	105 - 170	l/dm <sup>2</sup> /min @ 200 Pa	DIN 53887 (Germany)
	11 - 18	cm <sup>3</sup> /cm <sup>2</sup> /s @ 125 Pa	JIS L 1096-A (Japan)
Thickness	0.023 - 0.027 (0.42 - 0.52)	inches (mms)	TAPPI 411
Corrugation Depth	n/a	inches (mms)	TAPPI 411
MERV Rating	15		ASHRAE 52.2
Filtration Rating	F9	(> 70% efficient at 0.4micron) - neutralized	EN779-2012
Mullen Burst	> 100	PSI	TAPPI 403
Tensile Strength (MD)	MD 110	lbs/2"	ASTM D-461
Gurley Stiffness	MD > 800	mg	TAPPI 543
Available Widths	From 25.89 - 82.0	inches	From 657 - 2,030mm
Process Data	Designed for rotary pleating. Pre and Post heat required. Glue spacing recommended		
Applications	Dry air filtration applications (pulse cleaned) Gas turbine intake and industrial plasma/fume welding etc.		

The above data is nominal and provided for information purpose only. This data is not to be construed as manufacturing specifications and is subject to change. All metric conversions are approximate.

Revision A

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