



Leading the Nanofiber market in

- Consistency • Versatility
- Commercial Viability

# Technical Data Sheet | nTEX

- **Style Number :** (NC017) - nTEX - MERV 16 cellulose blended flame retardant filter media
- **Description:** MERV 16 - cellulose/polyester/flame retardant/nanofiber - composite filter media
- **Construction:** Cellulose/polyester blended flame retardant wet-laid paper with nanofiber surface filtration layer
- **Finish:** None

	Target		Test Method
Basis Weight	3.6 (122)	oz/yd <sup>2</sup> (g/m <sup>2</sup> )	ASTM D461
	75	lb/3000ft <sup>2</sup>	TAPPI 410
Air Permeability	18 - 20	ft <sup>3</sup> /min/ft <sup>2</sup> (cfm) @0.5"H <sub>2</sub> O	ASTM D737 (U.S.)
	88 - 98	l/dm <sup>2</sup> /min @200Pa	DIN 53887 (Germany)
	9 - 11	cm <sup>3</sup> /cm <sup>2</sup> /s @125Pa	JIS L 1096 A (Japan)
Thickness	0.014 (0.36)	inch (mm)	TAPPI 411
Corrugation Depth	0.016 (0.40)	inch (mm)	TAPPI 411
MERV Rating	16		ASHRAE 52.2
Filtration Rating	n/a	n/a	EN779-2012
Mullen Burst	32	psi	TAPPI 403
Tensile Strength	MD 30	lb/inch	TAPPI 494
	CD 20	lb/inch	TAPPI 494
Gurley Stiffness	MD 2300	mg	TAPPI 543
Available Widths	25.9 - 80.0 (657 - 2030)	inch (mm)	
Process Data	Designed for rotary pleating.		
Applications	Dry air filtration applications (pulse cleaned) 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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