



Leading the Nanofiber market in

- Consistency • Versatility
- Commercial Viability

# Technical Data Sheet | nTEX

- **Style Number:** (NC015) - nTEX - F9 cellulose blended filter media
- **Description:** F9 - cellulose/polyester/nanofiber - composite filter media
- **Construction:** Cellulose/polyester blended wet-laid paper with nanofiber surface filtration layer.
- **Finish:** Proprietary hydrophobic/oleophobic plasma treatment

Property	Target	Metric	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	20	ft <sup>3</sup> /min/ft <sup>2</sup> (cfm) @0.5"H <sub>2</sub> O	ASTM D737 (U.S.)
	96	l/dm <sup>2</sup> /min @200Pa	DIN 53887 (Germany)
Thickness	0.014 (0.36)	inch (mm)	TAPPI 411
Hydrostatic Head	> 20	Mbar @ 20 mbar/min	Ref. AATCC - 127
Water Repellence	> 5		AATCC - 193
Oil Rating	> 7		AATCC - 118
Corrugation Depth	0.016 (0.40)	inch (mm)	TAPPI 411
MERV Rating	15		ASHRAE 52.2
Filtration Rating	F9	(> 70% efficient at 0.4micron) - neutralized	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) 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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