

Description

Designed specifically for gas turbine inlet air systems. Provides MERV 14 ratings using sythetic, wet-laid nanofiber this filter offers exceptional filtration with low pressure drop.

The data provided is nominal and provided for information purposes only. This data is not to be construed as manufacturing specifications and is subject to change. Gas Turbine Inlet filtration requirements can vary greatly by region, climate, system design, philosophy of operation, and other variables. It is recommended all applications be discussed with EFS prior to purchase, to ensure the correct product is provided.



Merv 14
Synthetic Wet-Laid Filter
w/ Nanofiber

Filter Construction

Cylindrical

Dimensions	Height/OD/ID	26.0" x 14.00" ID x 18.50" OD
Filter Media	Area	225 ft ² (20.9 m ²)
	Description	NP016 - Synthetic wet-laid w/nanofiber
Outer & Inner Liners		G60 Galvanized Expanded Steel (Optional G90)
End Caps		Open/Closed G60 steel (Optional G90)
Gasket		Expanded Neoprene Blended Rubber per ASTM D1056-2C2

Filter Performance

Filtration Rating	F9 (> 70% Efficient @ 0.4µm Post IPA)	EN779-2012 (Post IPA Neutralization)
	MERV 14	ASHRAE 52.2 - 2017
Dust Holding Capacity	400g at final resistance of 4.00" H2O - ASHRAE 52.2 - 2017	
Burst Strength	Breach Test > 25.0" H2O Final Resistance	

Air Flow vs Resistance (Clean Device) per EN779- 2012/ASHRAE 52.2 - 2017

	Airflow (cfm)	Resistance (w.g.)
New Filter Initial Resistance	@ 150 cfm	0.41"
	@ 1750 cfm	0.52"
	@ 2000 cfm	0.66"
	@ 2250 cfm	0.82"
	@ 2500 cfm	0.99"

