

# ProTura®

Nanofiber Technology

## TECHNICAL DATA

<p style="text-align: center;"><b>FILTER CARTRIDGE SPECIFICATIONS</b></p> <p style="text-align: center;"><b>ITEM NUMBER: NF20283</b></p>
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<b>Dimensions:</b>	<b>Height:</b> 16" <b>Outside Diameter:</b> 7.93" <b>Inside Diameter:</b> 3.605"
<b>Top End Cap:</b>	<b>Material:</b> Electro Galvanized (22 ga) <b>Style:</b> Open
<b>Bottom End cap:</b>	<b>Material:</b> Electro Galvanized (22 ga) <b>Style:</b> Closed <b>Bolt Hole:</b> 0.675"
<b>Gasket:</b>	1/2" x 1/2" x 6.00" ID isoprene sponge applied on top cap
<b>Inner Retainer:</b>	Electro galvanized expanded metal 3/8" x 5/8" (9.53 mm x 15.88 mm) 72% open area
<b>Outer Retainer:</b>	2 Nylon Bands With Hot Melt Overlay, Evenly Spaced
<b>Filter Media Area:</b>	55 ft <sup>2</sup>
<b>Media Type:</b>	<b>ProTura</b> Nanofiber Technology
<b>Permeability:</b>	20 cfm/ft <sup>2</sup> @ 0.5" w.g. 160 L/sec/m <sup>2</sup> @ ΔP 20 mm w.g.
<b>Maximum Temperature:</b>	180° F (82.22° C)
<b>Minimum Efficiency Reporting Value:</b>	MERV 15 @ 900 cfm

**Particle Efficiency:**

Particle Size Ranges - μm			
Minimum Average Efficiency	(E1) 0.3 – 1.0	(E2) 1.0 – 3.0	(E3) 3.0 -10.0
	89.0%	98.3%	99.8%

Data per Ashrae Test Standard 52.2 – Independently tested to ensure validity – Test reports provided upon request.