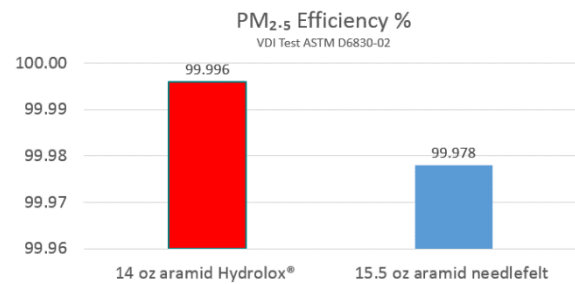
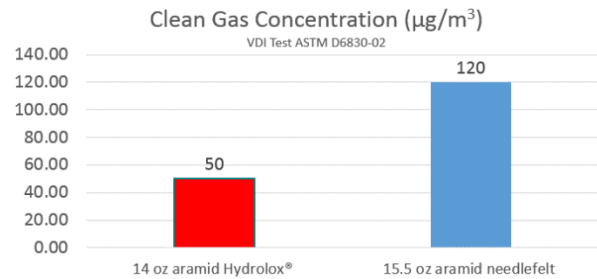


## 14 oz aramid **Hydrolox®** vs 15.5 oz aramid Needlefelt

	14 oz aramid <b>Hydrolox®</b>	15.5 oz aramid needlefelt
Support	Fiber	Fiber
Weight (oz/yd <sup>2</sup> )	14	15.5
Air Permeability (cfm)	Min:25 Max: 45	Min:20 Max: 40
Thickness (mil)	Min: 75 Max: 90	Min: 75 Max: 95
Mullens Burst (psi) (Minimum)	540	550
Tensile (MD lbf) (Minimum)	250	175
Tensile (CD lbf) (Minimum)	320	175
Elongation @ 11.24 lbf (%)	1.5	3.0
Heat Stability (% Shrinkage at 450 F)	1.0	3.0
<b>VDI Test Data: (ASTM D6830-02)</b>		
Total of Abs [mg]	0.5	1.3
PM <sub>2.5</sub> Efficiency %	99.996	99.978
>PM <sub>2.5</sub> Efficiency %	99.998	99.998
Total Efficiency %	99.997	99.993
PM <sub>2.5</sub> Emissions %	0.004	0.022
>PM <sub>2.5</sub> Emissions in %	0.002	0.002
Total Emissions %	0.003	0.007
Clean Gas Concentration [µg/m <sup>3</sup> ]	50	120



The property values listed in this specification are determined through statistical sampling from production campaigns and are subject to industry-wide tolerances. Typically, Bondex test protocol requires averaging at least ten representative measurements to produce a reported value, and the company reserves the right to make amendments without notice. Hydrolox® is a registered trademark of Bondex, Inc.