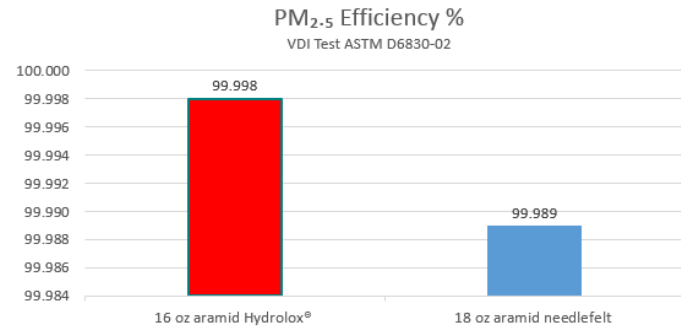
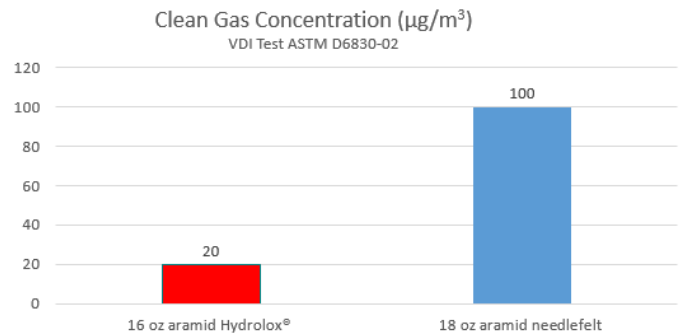


16 oz aramid **Hydrolox®** vs 18 oz aramid Needlefelt

	16 oz aramid Hydrolox®	18 oz aramid needlefelt
Support	Fiber	Fiber
Weight (oz/yd ²)	16	18
Air Permeability (cfm)	Min: 20 Max: 35	Min:15 Max: 35
Thickness (mil)	Min: 80 Max: 95	Min: 80 Max: 100
Mullens Burst (psi) (Minimum)	650	650
Tensile (MD lbf) (Minimum)	270	200
Tensile (CD lbf) (Minimum)	400	200
Elongation @ 11.24 lbf (%)	2	3
Heat Stability (% Shrinkage at 450 F)	1.0	3.0
VDI Test Data: (ASTM D6830-02)		
Total of Abs [mg]	0.2	0.8
PM _{2.5} Efficiency %	99.998	99.989
>PM _{2.5} Efficiency %	99.999	99.996
Total Efficiency %	99.999	99.994
PM _{2.5} Emissions %	0.002	0.011
>PM _{2.5} Emissions in %	0.001	0.004
Total Emissions %	0.001	0.006
Clean Gas Concentration [µg/m ³]	20	100



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.