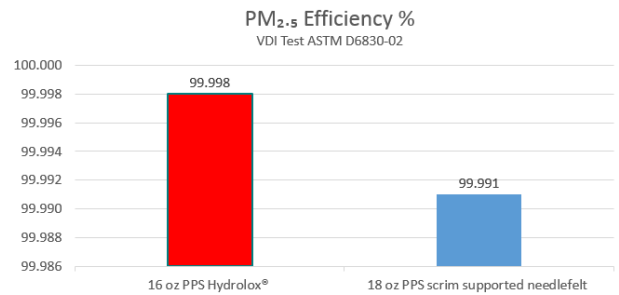
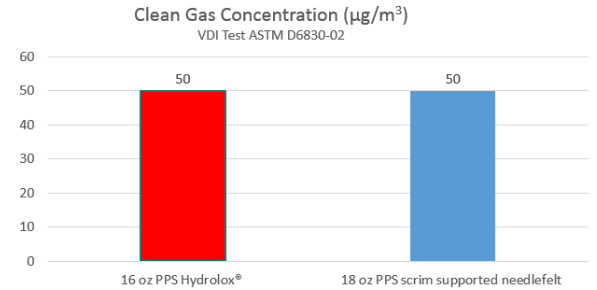


## 16oz/yd<sup>2</sup> PPS **Hydrolox**<sup>®</sup> vs 18 oz/yd<sup>2</sup> PPS Needlefelt Scrim Supported

	16 oz PPS Hydrolox <sup>®</sup>	18 oz PPS scrim supported needlefelt
Support	Fiber	Scrim
Weight (oz/yd <sup>2</sup> )	15-17	17-19
Air Permeability (cfm)	Min: 10 Max: 20	Min: 22 Max: 38
Thickness (mil)	Min: 55 Max: 75	Min: 70 Max: 90
Mullen Burst (psi) (Minimum)	500	400
Tensile (MD lbf) (Minimum)	180	100
Tensile (CD lbf) (Minimum)	350	100
Elongation @ 11.24 lbf (%)	1	1
Heat Stability (% Shrinkage at 450)	2.0	2.0
VDI Test Data: (ASTM D6830-02)		
Total of Abs [mg]	0.6	0.5
PM <sub>2.5</sub> Efficiency %	99.998	99.991
>PM <sub>2.5</sub> Efficiency %	99.996	99.999
Total Efficiency %	99.997	99.997
PM <sub>2.5</sub> Emissions %	0.002	0.009
>PM <sub>2.5</sub> Emissions in %	0.004	0.001
Total Emissions %	0.003	0.003
Clean Gas Concentration [µg/m <sup>3</sup> ]	50	50



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<sup>®</sup> is a registered trademark of Bondex, Inc.