



9920 Corporate Campus Drive,
Ste 2200 Louisville, KY 40223

Date: 7/21/21

TEST #: 21-230A

Breach TEST REPORT

Filter Description

Manufacturer	Produced ATL
Filter Model	
Part Number	MEGA Pleat M9
Filter Type	
Filter Date Code	
Nominal Dimensions (in) H x W x D	24 x 24 x 2
Pocket / Pleat Quantity	
Media Type	
Customer	
Installation Information	



Test Conditions

Airflow Rate (CFM)		Nominal Face Velocity (ft/min)	
Loading Dust Type:	N/A	Test Air Temp (degrees F.)	73
Barometric Pressure (inches Hg)	29.29	Relative Humidity (%)	50

Test Summary

	ΔP (in WC)	Max Bow (in)
Initial Reading	0.27	
Final Reading	5.07	1.5

Rated max D/P

Initial

Final



Filter Observations

ΔP (inches WC)	Max Bow (inches)	Observations
0.27		Initial
0.52	0.13	light dusting
0.87	0.25	Heavy dusting/ waves in media
1.28	0.38	Heavy dusting/ waves in media
2.10	0.62	Frame pulling for sides
5.07	1.50	Media vacuum pulled frame from sides air breach around frame..

Filter Pictures

0.27



0.52



0.87



1.28



2.10



5.07



Cont. testing frame stress. dusting to 6.08 frame breached at that point

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Approval:

Jeffrey Weis

Rev.B 6/26/16