



2820 S. English Station Road - Louisville, KY 40299

TEST NO. 15-1615

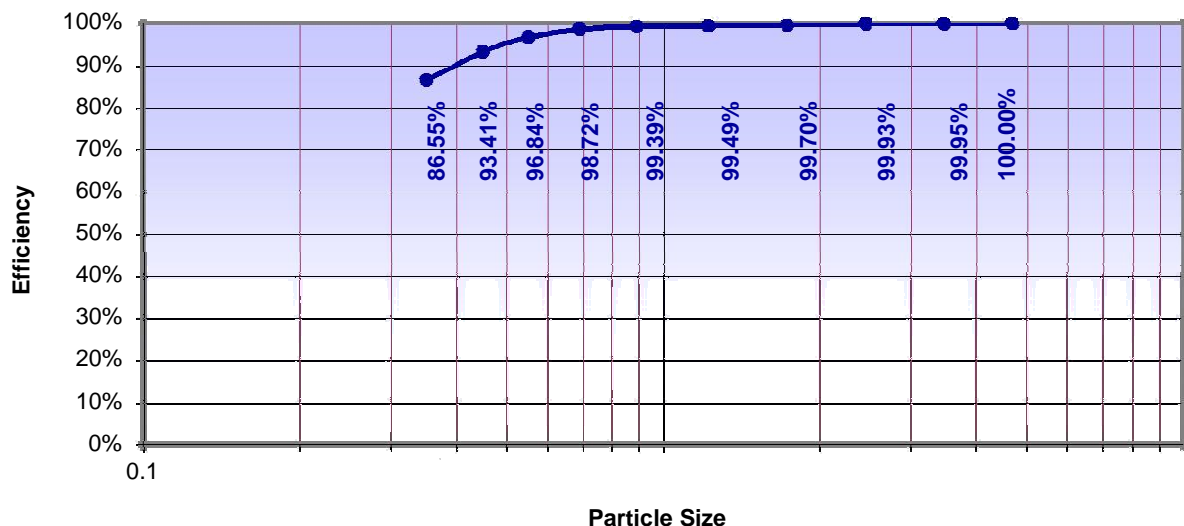
# EN 779-2002 Initial Efficiency

Flat Sheet Initial Efficiency Test

page 1 of 2

<b>Filter Description</b>	Manufacturer	S.E.W. North Filtration A/S
	Filter Model	SEW941-NANO
	Nominal Face Dimensions	10" x 8"
	Media Type	Flat Sheet
<b>Test Conditions</b>	Test Air Flow Rate (FPM)	7
	Challenge Aerosol	DEHS
	Test Air Temp (degrees F.)	72.1
	Relative Humidity (%)	52.9
	Barometric Pressure (In. Hg.)	29.37
<b>Test Results</b>	Initial Resistance(Inches Water Gage)	0.2
	0.35 Micron Range Efficiency	86.55%
	0.45 Micron Range Efficiency	93.41%
	0.55 Micron Range Efficiency	96.84%
	0.69 Micron Range Efficiency	98.72%
	0.89 Micron Range Efficiency	99.39%
	1.22 Micron Range Efficiency	99.49%
	1.73 Micron Range Efficiency	99.70%
	2.45 Micron Range Efficiency	99.93%
	3.46 Micron Range Efficiency	99.95%
4.69 Micron Range Efficiency	100.00%	
<b>Average Efficiency at 0.4 micrometers</b>		<b>89.98%</b>

Efficiency vs. particle size



<b>Requestor Information</b>	Test Requestor	Jacob Jacobsen	Phone Number	45 54602080
	Company Name	S.E.W. North Filtration A/S	Email	<a href="mailto:info@northfiltration.com">info@northfiltration.com</a>
	Company Address	Vesterbrogade 1C 4930 Maribo; Denmark	Date Requested	10/21/2015
<b>Test Operator Information</b>	Test Performed by:	Glen Toloczko CAFS	Completion Date	10/26/2015



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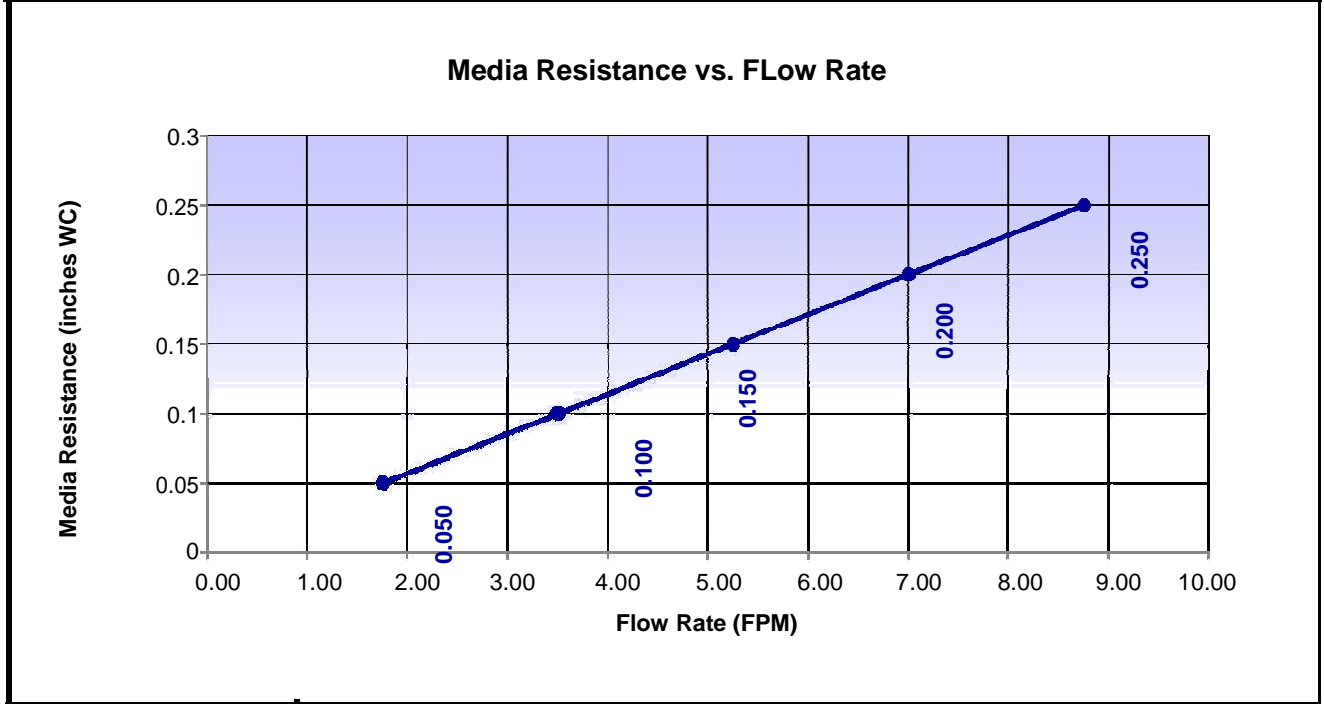
TEST NO. 15-1615

# EN 779-2002 Initial Resistance

## Flat Sheet Initial Resistance Test

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<b>Filter Description</b>	Manufacturer	S.E.W. North Filtration A/S				
	Filter Model	SEW941-NANO				
	Nominal Face Dimensions	10" x 8"				
	Media Type	Flat Sheet				
<b>Test Conditions</b>	Test Air Flow Rate (FPM)	7				
	Test Air Temp (degrees F.)	72.1				
	Relative Humidity (%)	52.9				
	Barometric Pressure (In. Hg.)	29.37				
<b>Media Resistance Data</b>	<b>Resistance Data (" H<sub>2</sub>O)</b>					
	<b>FPM</b>	<b>1.75</b>	<b>3.50</b>	<b>5.25</b>	<b>7.00</b>	<b>8.75</b>
	<b>Resistance</b>	<b>0.050</b>	<b>0.100</b>	<b>0.150</b>	<b>0.200</b>	<b>0.250</b>



<b>Media Photograph</b>		
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