

Sample ID:	S1S3 (76.00 mm)
Equipment:	Low (LF) airflow resistivity meter (AFR Mecanum's System)
Reference:	Standard ISO 9053 (direct method)
Test by:	
	Date:

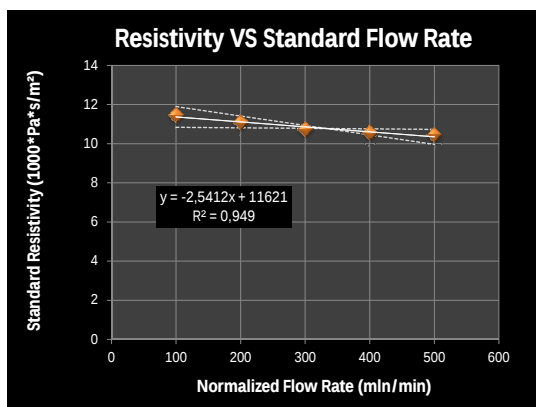
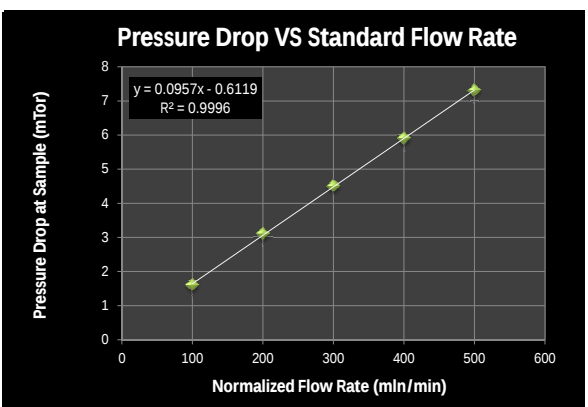
Test Conditions	
Sample Thickness (mm):	
Reference Diameter (mm):	100
Test Diameter (mm):	100
Temperature (°C):	21.8
Barometric Pressure (Pa):	98 310
Relative Humidity (%):	21.7
Error on Pressure Reading (+/- mTor)	0.1

Measurement Flow Rate at	
205,2	mlm/min
235,6	ACCM

Standard Conditions	
Temperature (°C):	20
Barometric Pressure (Pa):	101 325
Relative Humidity (%):	0

Final MFC reading mln/min	Thickness (mm)	DP @ Sample mTor	Actual Volume Flow Rate (ACCM)	Actual Face Velocity (mm/s)	Normalized Resistance [norm: Zo]	Airflow Resistivity [Pa*s/m²]	Error on Std Airflow/Resistivity (±) [sPa*s/m²]
100,0	76,44	1,600	114,8	0,24	2,19	11 453	716
200,0	76,44	3,100	229,6	0,49	2,12	11 095	358
300,0	76,44	4,500	344,5	0,73	2,05	10 737	239
400,0	76,44	5,900	459,3	0,97	2,02	10 558	179
500,0	76,44	7,300	574,1	1,22	2,00	10 451	143
Mean ± StdDev :				0,53	mln/min	10 859	412

If same Flow Rate is used for the different tests, use the Mean and Std values on line 31



Resistance is normalized by air impedance (Zo) at test fluid conditions. At test conditions, Zo(Pa*s/m) = 399,4	Standard Static Airflow Resistivity @ 0.5 mm/s (Pa*s/m²):	11 100
	95% confidence interval (Pa*s/m²): ±	289