

Sample ID:	S1S4 75.80 mm
Equipment:	Low (LF) airflow resistivity meter (AFR Mecanum's System)
Reference:	Standard ISO 9053 (direct method)
Test by:	
	Date:

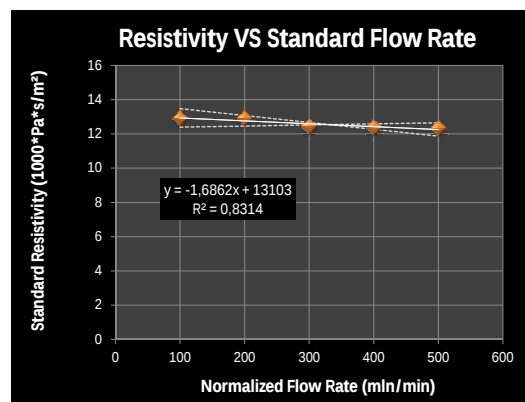
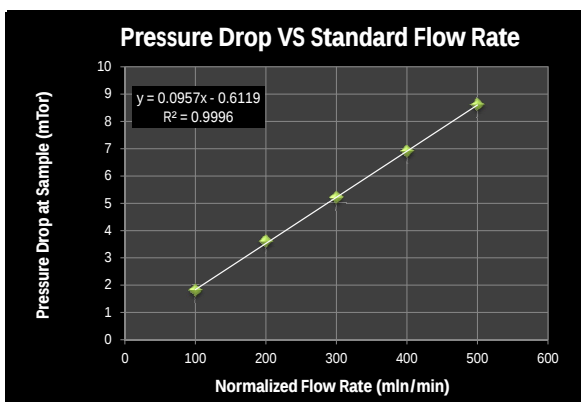
Test Conditions	
Sample Thickness (mm):	
Reference Diameter (mm):	100
Test Diameter (mm):	100
Temperature (°C):	21.8
Barometric Pressure (Pa):	98 310
Relative Humidity (%):	21.7
Error on Pressure Reading (+/- mTor)	0.1

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	76,26	1,800	114,8	0,24	2,47	12 915	718
200,0	76,26	3,600	229,6	0,49	2,47	12 915	359
300,0	76,26	5,200	344,5	0,73	2,37	12 437	239
400,0	76,26	6,900	459,3	0,97	2,36	12 377	179
500,0	76,26	8,600	574,1	1,22	2,36	12 341	144
Meand ±StdDev :				0,53	mln/min	12 597	292

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):	12 757
95% confidence interval (Pa*s/m²): ±	294