



Sample ID:	S2S4_49.60mm
Equipment:	Low (LF) airflow resistivity meter (AFR Mecanum's System)
Reference:	Standard ISO 9053 (direct method)
Test by:	
	Date:

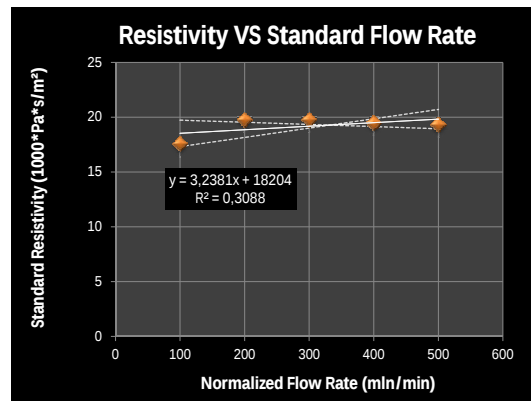
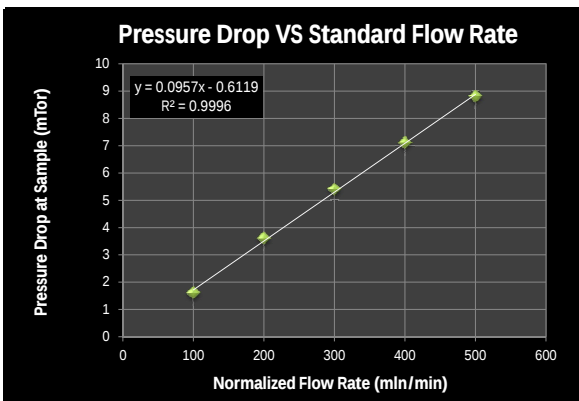
Test Conditions	
Sample Thickness (mm):	
Reference Diameter (mm):	100
Test Diameter (mm):	100
Temperature (°C):	21.8
Barometric Pressure (Pa):	98 310
Relative Humidity (%):	21.7
Error on Pressure Reading (+/- mTor)	0.1

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	49,85	1,600	114,8	0,24	2,19	17 562	1 098
200,0	49,85	3,600	229,6	0,49	2,47	19 758	549
300,0	49,85	5,400	344,5	0,73	2,47	19 758	366
400,0	49,85	7,100	459,3	0,97	2,43	19 483	274
500,0	49,85	8,800	574,1	1,22	2,41	19 319	220
Mean ± StdDev :				0,53	mln/min	19 176	921

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):	18 869
95% confidence interval (Pa*s/m²): ±	661