

Sample ID:	S2S3 49.80mm
Equipment:	Low (LF) airflow resistivity meter (AFR Mecanum's System)
Reference:	Standard ISO 9053 (direct method)
Test by:	
	Date:

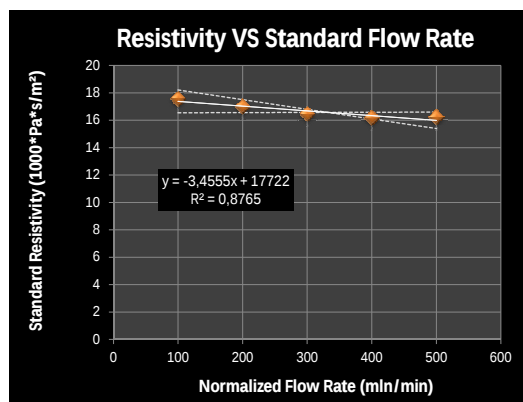
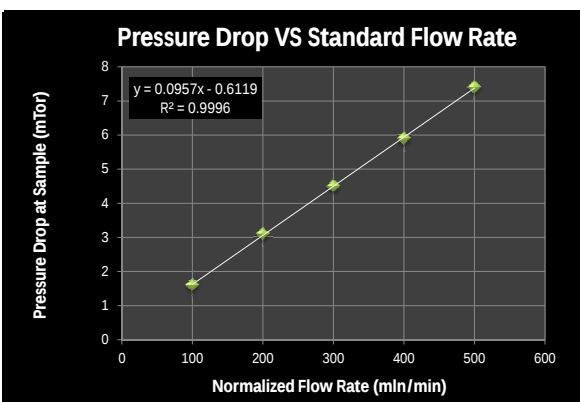
Test Conditions	
Sample Thickness (mm):	
Reference Diameter (mm):	100
Test Diameter (mm):	100
Temperature (°C):	21,8
Barometric Pressure (Pa):	98 310
Relative Humidity (%):	21,7
Error on Pressure Reading (+/- mTor)	0,1

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	49,88	1,600	114,8	0,24	2,19	17 552	1 097
200,0	49,88	3,100	229,6	0,49	2,12	17 003	548
300,0	49,88	4,500	344,5	0,73	2,05	16 455	366
400,0	49,88	5,900	459,3	0,97	2,02	16 181	274
500,0	49,88	7,400	574,1	1,22	2,03	16 235	219
Mean ± StdDev :				0,53	mln/min	16 685	584

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):	17 013
95% confidence interval (Pa*s/m²): ±	453