

EN ISO 9053-1:2018 - Determination of airflow resistance

Direct airflow method

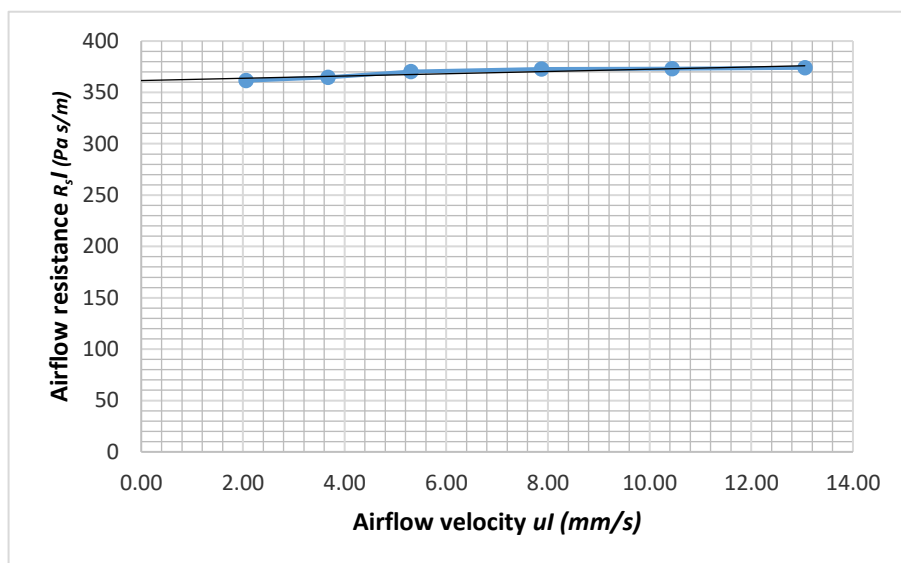
Client: Febrik / Kvadrat

Date: 23/08/2023

Fabric details
 Type: Rumor
 Item number:
 Colour: 671
 Manufacturer: Febrik / Kvadrat
 Batch: E-37593010 finish reference: wash

Specimen
 Sample: 1
 Thickness: 4.10 mm
 Area specific mass: 833 g/m²
 Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	374
10.44	373
7.87	373
5.30	370
3.68	365
2.06	361



Airflow resistance $R_s = 362$ Pa s/m

Summary of results:				
Sample:	1	2	3	Mean:
Thickness:	4.10	4.12	4.14	4.12 mm
Area specific mass:	833	839	837	836 g/m²
Airflow resistance R_s:	362	368	351	360 Pa s/m

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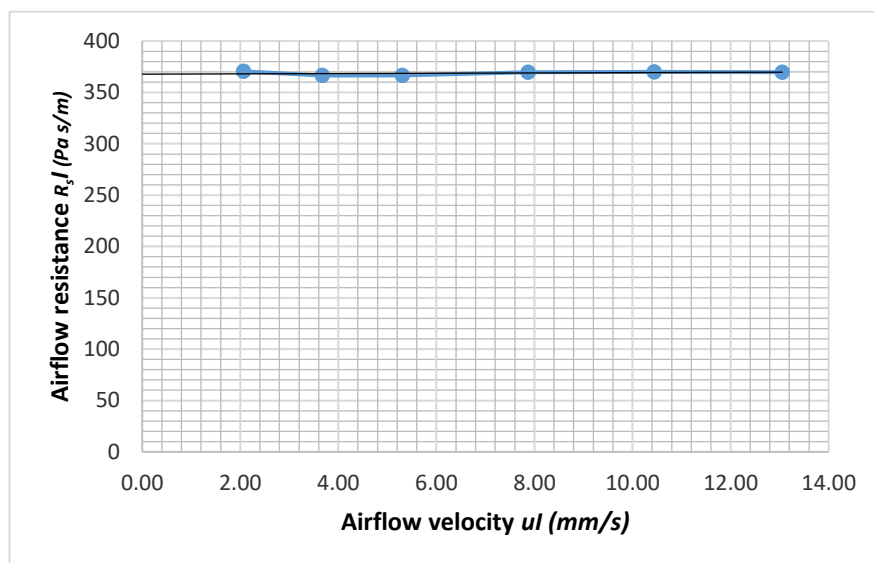
Client Febrik / Kwadrat

Date: 23/08/2023

Fabric details Type: Rumor
Item number: 0
Colour: 671
Manufacturer: Febrik / Kwadrat
Batch: E-37593010 finish reference: wash

Specimen Sample: 2
Thickness: 4.12 mm
Area specific mass: 839 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	370
10.44	370
7.87	370
5.30	367
3.68	366
2.06	370



Airflow resistance $R_s = 368$ Pa s/m

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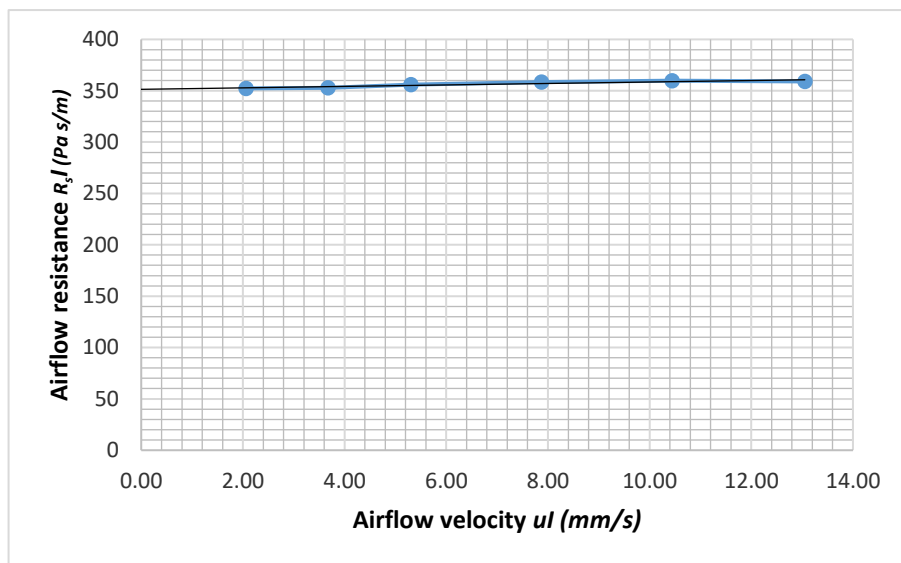
Client: Febrik / Kvadrat

Date: 23/08/2023

Fabric details
Type: Rumor
Item number: 0
Colour: 671
Manufacturer: Febrik / Kvadrat
Batch: E-37593010 finish reference: wash

Specimen
Sample: 3
Thickness: 4.14 mm
Area specific mass: 837 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	359
10.44	360
7.87	358
5.30	356
3.68	353
2.06	352



Airflow resistance $R_s = 351$ Pa s/m