

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

Direct airflow method

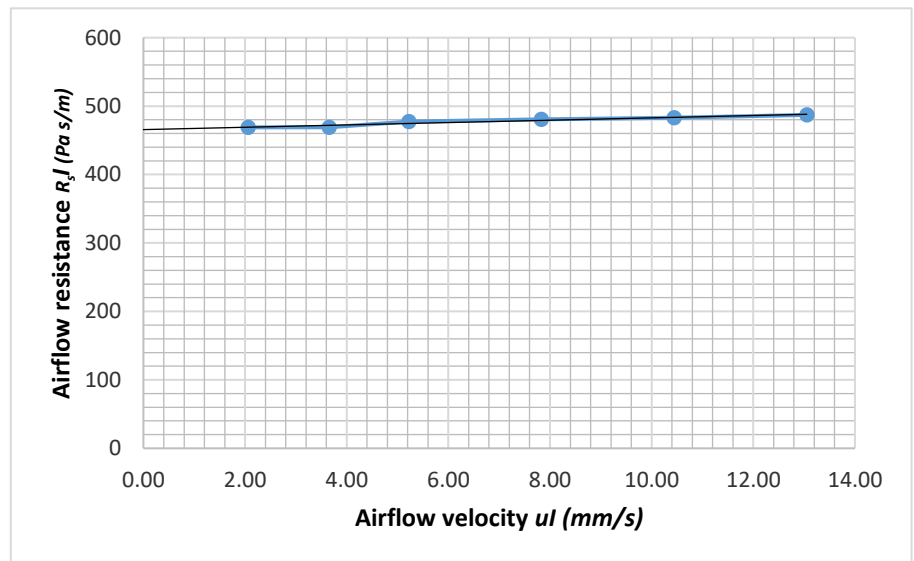
Client Kvadrat

Date: 25-11-25

Fabric details Type: Nalia by Sahco
 Item number: 6007840001
 Colour: 100
 Manufacturer: kvadrat
 Batch:
 Finish:

Specimen Sample: 1
 Thickness: 2.40 mm
 Area specific mass: 695 g/m²
 Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	487
10.44	483
7.83	481
5.22	477
3.65	469
2.06	469



Airflow resistance $R_s = 466$ Pa s/m

Summary of results:				
Sample:	1	2	3	Mean:
Thickness:	2.40	2.38	2.37	2.38 mm
Area specific mass:	695	689	685	690 g/m ²
Airflow resistance R_s:	466	581	359	469 Pa s/m

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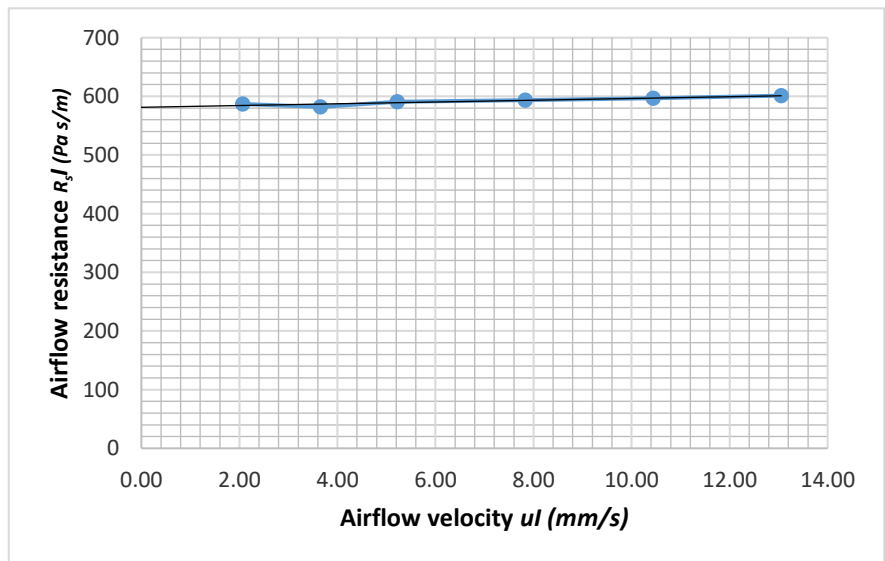
Client: Kvadrat

Date: 25-11-25

Fabric details
Type: Nalia
Item number: 6007840001
Colour: 140
Manufacturer: kvadrat
Batch: 0
Finish: 0

Specimen
Sample: 2
Thickness: 2.38 mm
Area specific mass: 689 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	601
10.44	597
7.83	593
5.22	591
3.65	582
2.06	587



Airflow resistance $R_s = 581$ Pa s/m

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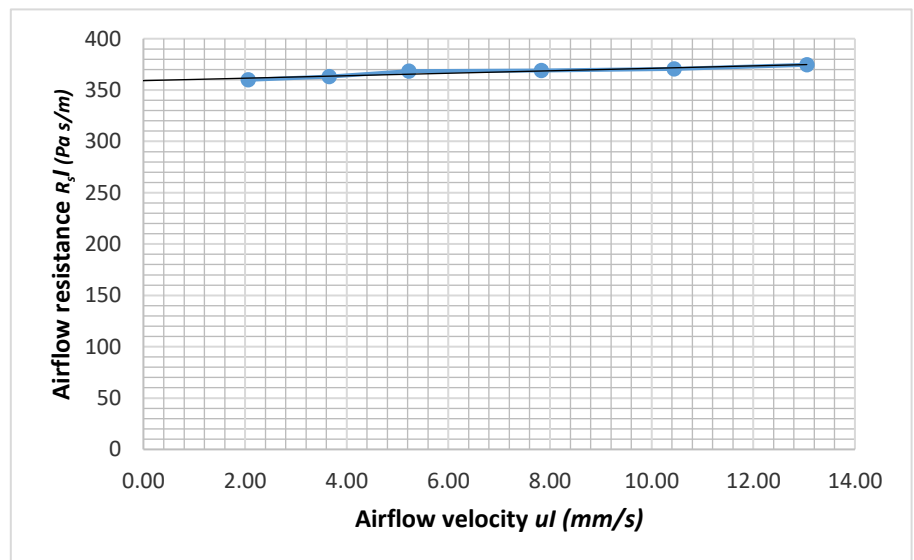
Client Kvadrat

Date: 25-11-25

Fabric details Type: Nalia
Item number 6007840001
Colour: 580
Manufacturer: kvadrat
Batch: 0
Finish: 0

Specimen Sample: 3
Thickness: 2.37 mm
Area specific mass: 685 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	375
10.44	371
7.83	369
5.22	368
3.65	363
2.06	360



Airflow resistance $R_s = 359$ Pa s/m