

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

Direct airflow method

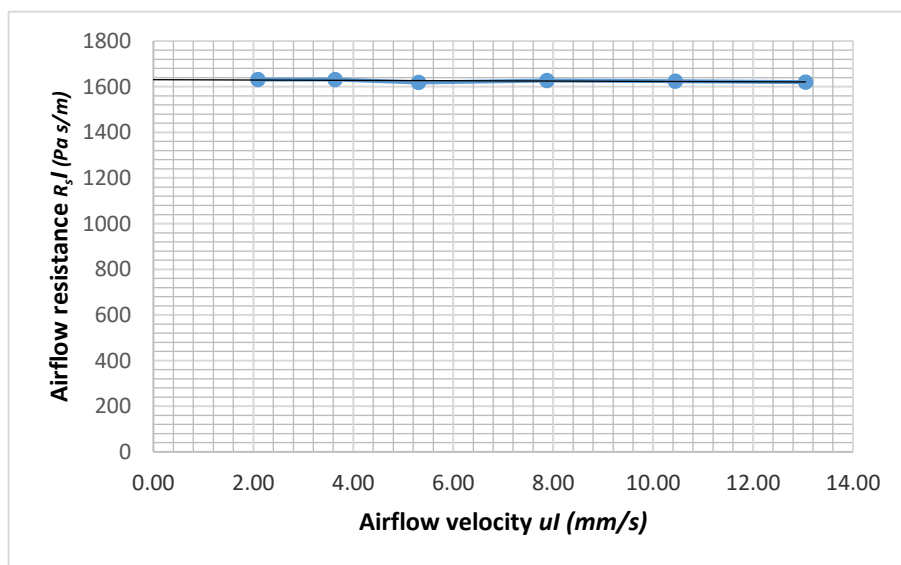
Client: Kvadrat

Date: 11/07/2022

Fabric details
 Type: Proof
 Item number: 600167
 Colour: 1
 Manufacturer: Sahco / Kvadrat

Specimen
 Sample: 1
 Thickness: 1.67 mm
 Area specific mass: 443 g/m²
 Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	1620
10.44	1625
7.87	1627
5.30	1618
3.63	1631
2.09	1631



Airflow resistance $R_s = 1631$ Pa s/m

Summary of results:				
Sample:	1	2	3	Mean:
Thickness:	1.67	1.69	1.68	1.68 mm
Area specific mass:	443	452	437	444 g/m²
Airflow resistance R_s:	1631	1593	1516	1580 Pa s/m

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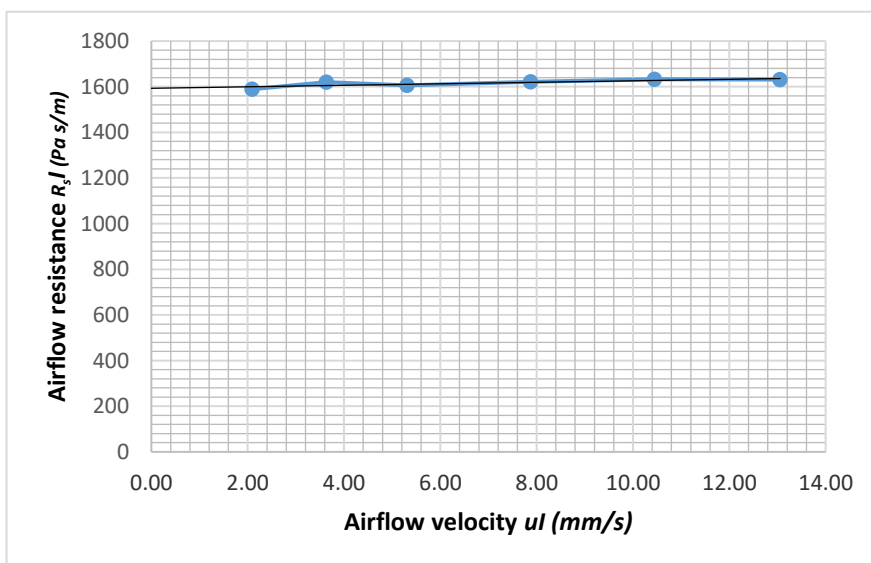
Client Kvadrat

Date: 11/07/2022

Fabric details Type: Proof
Item number: 600167
Colour: 1
Manufacturer: Sahco / Kvadrat

Specimen Sample: 2
Thickness: 1.69 mm
Area specific mass: 452 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	1631
10.44	1632
7.87	1621
5.30	1605
3.63	1619
2.09	1589



Airflow resistance $R_s = 1593$ Pa s/m

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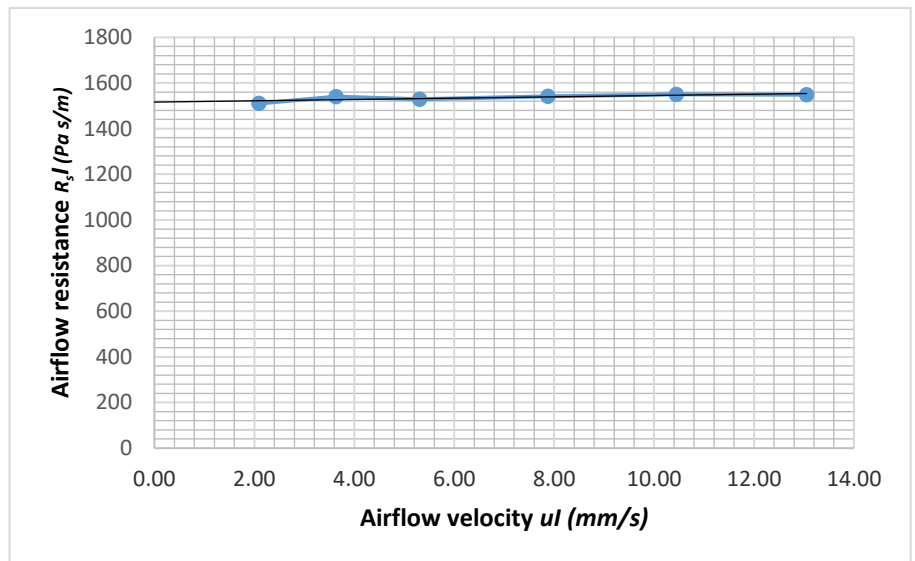
Client: Kvadrat

Date: 11/07/2022

Fabric details
Type: Proof
Item number: 600167
Colour: 1
Manufacturer: Sahco / Kvadrat

Specimen
Sample: 3
Thickness: 1.68 mm
Area specific mass: 437 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	1548
10.44	1550
7.87	1542
5.30	1529
3.63	1540
2.09	1510



Airflow resistance $R_s = 1516$ Pa s/m