

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

Direct airflow method

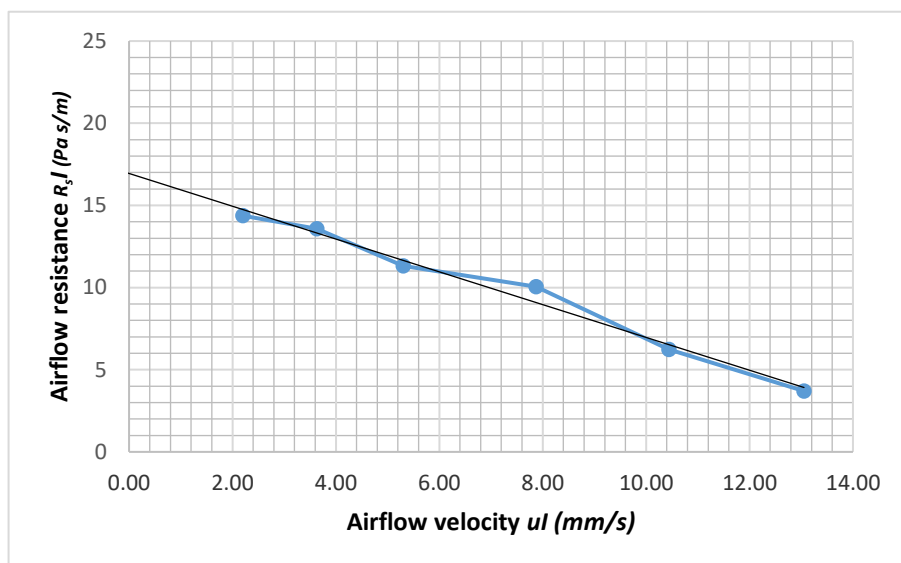
Client: Kvadrat

Date: 17/05/2022

Fabric details
 Type: Back Up
 Item number: 7115
 Colour: 2
 Manufacturer: Kinnasand / Kvadrat

Specimen
 Sample: 1
 Thickness: 0.27 mm
 Area specific mass: 76 g/m²
 Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	4
10.44	6
7.87	10
5.30	11
3.63	14
2.20	14



Airflow resistance $R_s = 11$ Pa s/m

Summary of results:				
Sample:	1	2	3	Mean:
Thickness:	0.27	0.29	0.25	0.27 mm
Area specific mass:	76	77	77	77 g/m ²
Airflow resistance R_s:	11	17	14	14 Pa s/m

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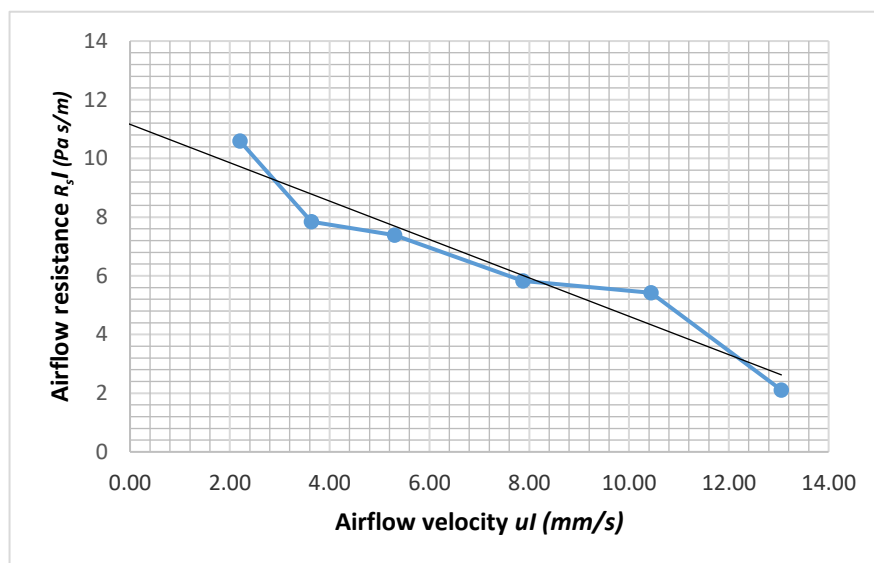
Client Kvadrat

Date: 17/05/2022

Fabric details Type: Back Up
Item number: 7115
Colour: 13
Manufacturer: Kinnasand / Kvadrat

Specimen Sample: 2
Thickness: 0.29 mm
Area specific mass: 77 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	2
10.44	5
7.87	6
5.30	7
3.63	8
2.20	11



Airflow resistance $R_s = 17$ Pa s/m

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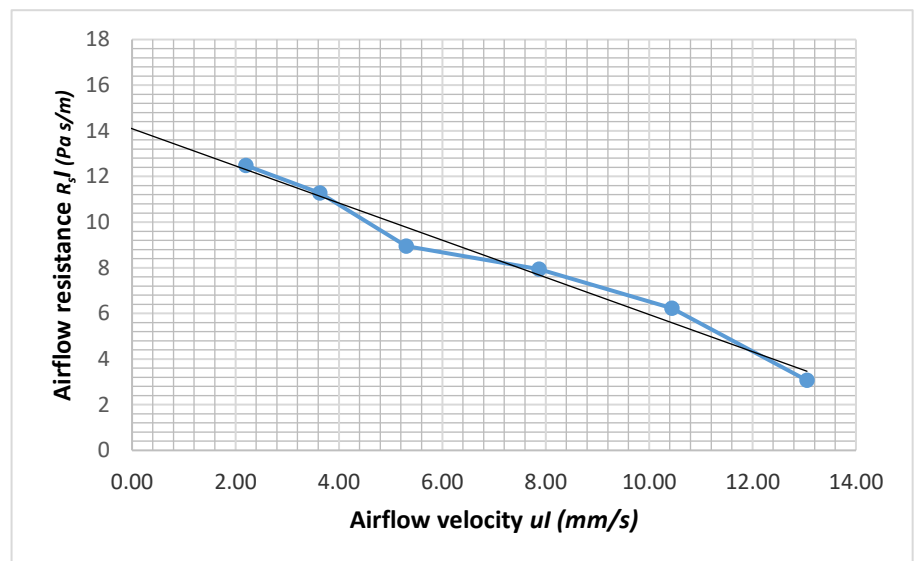
Client: Kvadrat

Date: 17/05/2022

Fabric details
Type: Back Up
Item number: 7115
Colour: 33
Manufacturer: Kinnasand / Kvadrat

Specimen
Sample: 3
Thickness: 0.25 mm
Area specific mass: 77 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	3
10.44	6
7.87	8
5.30	9
3.63	11
2.20	12



Airflow resistance $R_s = 14$ Pa s/m