

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

Direct airflow method

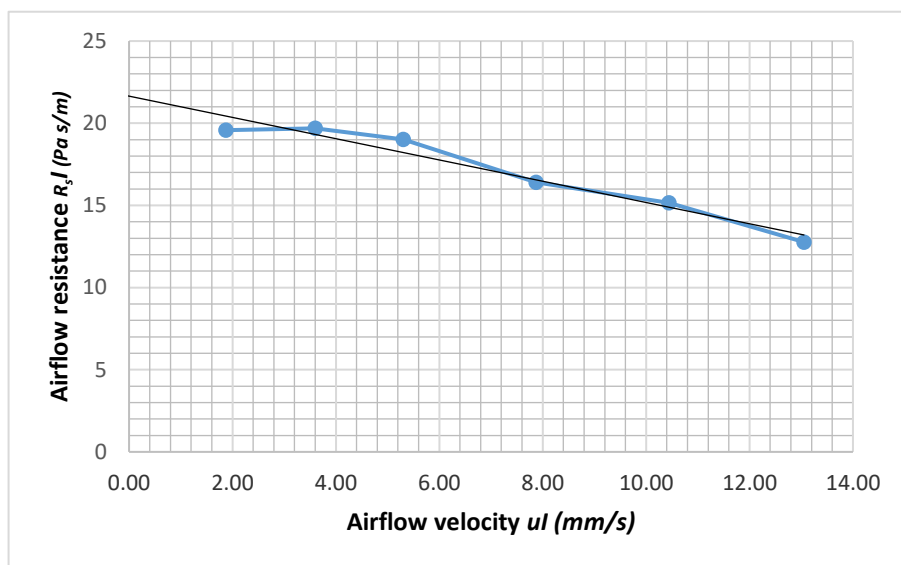
Client: Kvadrat

Date: 16/05/2022

Fabric details
 Type: Fusion
 Item number: 7114
 Colour: 20
 Manufacturer: Kinnasand / Kvadrat

Specimen
 Sample: 1
 Thickness: 0.45 mm
 Area specific mass: 95 g/m²
 Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	13
10.44	15
7.87	16
5.30	19
3.60	20
1.87	20



Airflow resistance $R_s = 22$ Pa s/m

Summary of results:				
Sample:	1	2	3	Mean:
Thickness:	0.45	0.45	0.43	0.44 mm
Area specific mass:	95	92	92	93 g/m²
Airflow resistance R_s:	22	21	21	21 Pa s/m

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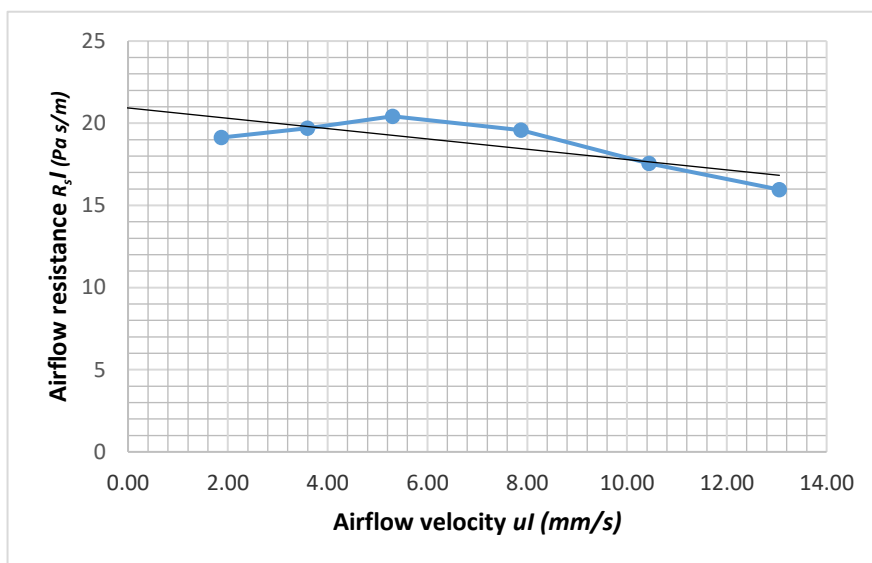
Client Kvadrat

Date: 16/05/2022

Fabric details Type: Fusion
Item number: 7114
Colour: 3
Manufacturer: Kinnasand / Kvadrat

Specimen Sample: 2
Thickness: 0.45 mm
Area specific mass: 92 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	16
10.44	18
7.87	20
5.30	20
3.60	20
1.87	19



Airflow resistance $R_s = 21$ Pa s/m

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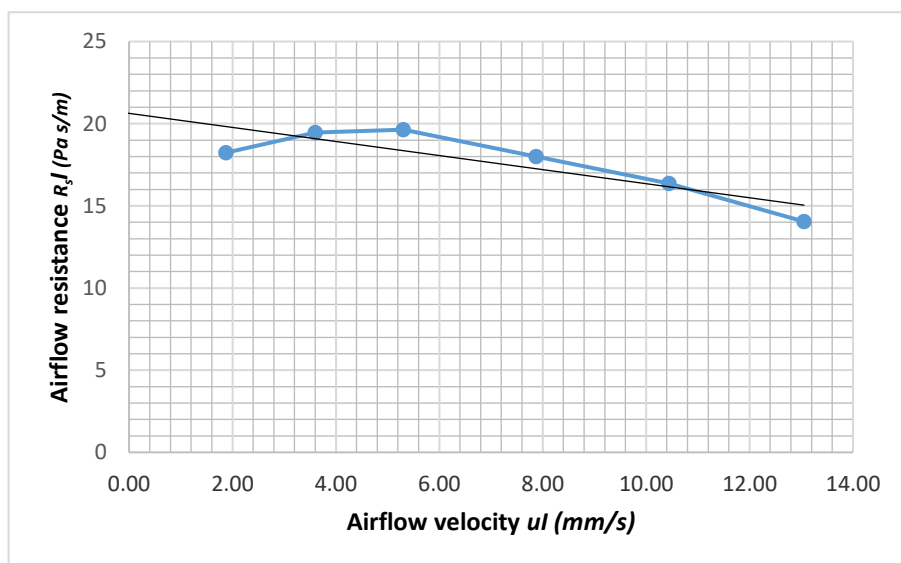
Client: Kvadrat

Date: 16/05/2022

Fabric details
Type: Fusion
Item number: 7114
Colour: 6
Manufacturer: Kinnasand / Kvadrat

Specimen
Sample: 3
Thickness: 0.43 mm
Area specific mass: 92 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	14
10.44	16
7.87	18
5.30	20
3.60	19
1.87	18



Airflow resistance $R_s = 21$ Pa s/m