

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

Direct airflow method

Client: Kvadrat

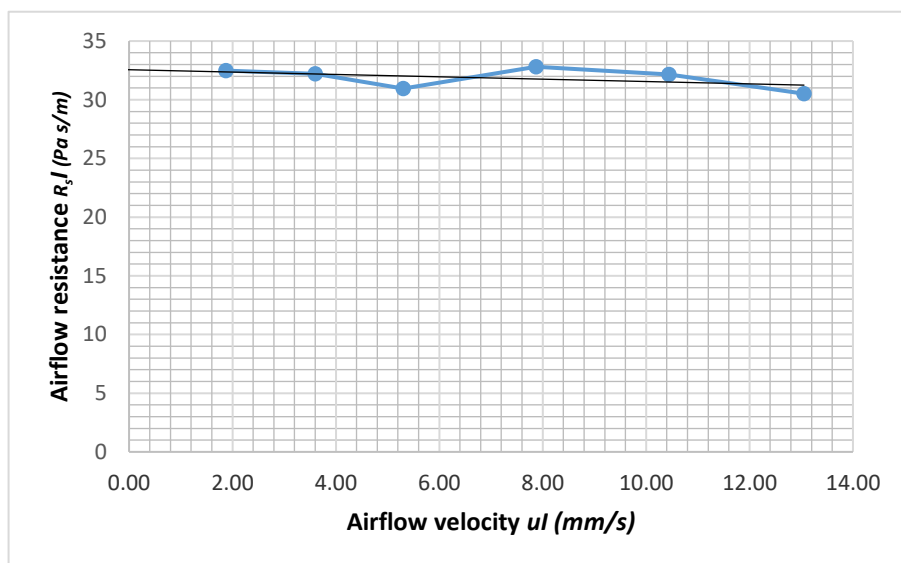
Date: 16/05/2022

Fabric details
 Type: AB4
 Item number: 7112
 Colour: 13
 Manufacturer: Kinnasand / Kvadrat

Specimen
 Sample: 1
 Thickness: 0.36 mm
 Area specific mass: 120 g/m²
 Diameter: 100 mm

Comment: Different airflow resistance over pattern

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	31
10.44	32
7.87	33
5.30	31
3.60	32
1.87	32



Airflow resistance $R_s = 33$ Pa s/m

Summary of results:				
Sample:	1	2	3	Mean:
Thickness:	0.36	0.37	0.37	0.37 mm
Area specific mass:	120	114	122	118 g/m ²
Airflow resistance R_s:	33	38	40	37 Pa s/m

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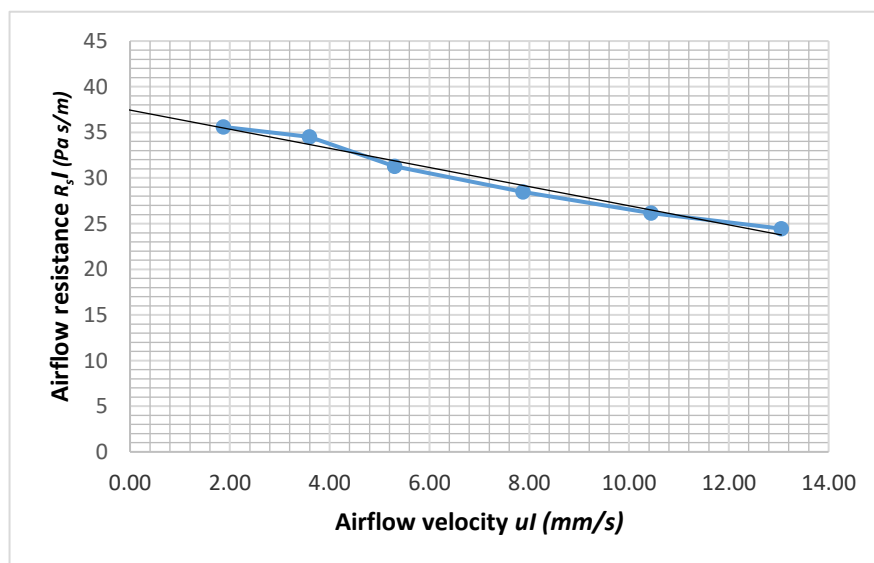
Client Kvadrat

Date: 16/05/2022

Fabric details Type: AB4
Item number: 7112
Colour: 6
Manufacturer: Kinnasand / Kvadrat

Specimen Sample: 2
Thickness: 0.37 mm
Area specific mass: 114 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	24
10.44	26
7.87	28
5.30	31
3.60	35
1.87	36



Airflow resistance $R_s = 38$ Pa s/m

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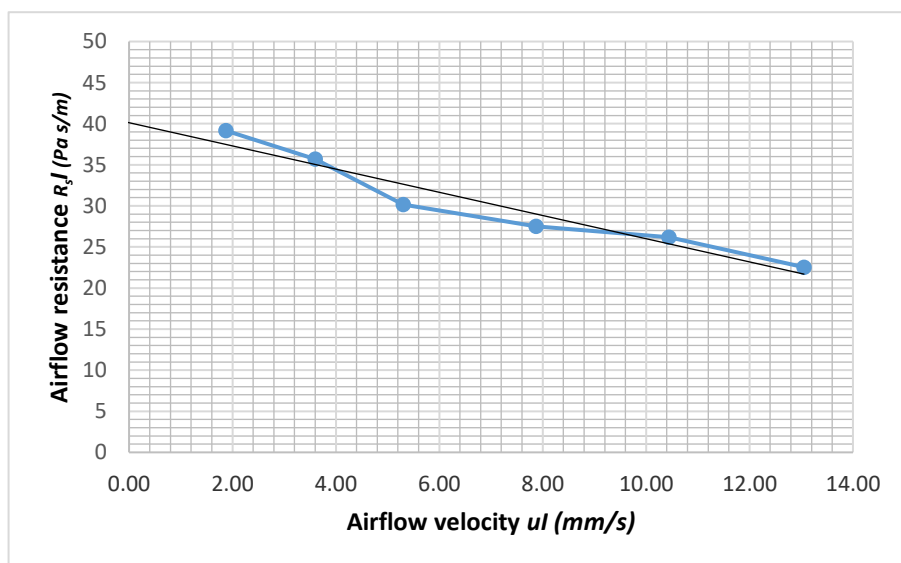
Client: Kvadrat

Date: 16/05/2022

Fabric details
Type: AB4
Item number: 7112
Colour: 1
Manufacturer: Kinnasand / Kvadrat

Specimen
Sample: 3
Thickness: 0.37 mm
Area specific mass: 122 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	23
10.44	26
7.87	28
5.30	30
3.60	36
1.87	39



Airflow resistance $R_s = 40$ Pa s/m