

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

Direct airflow method

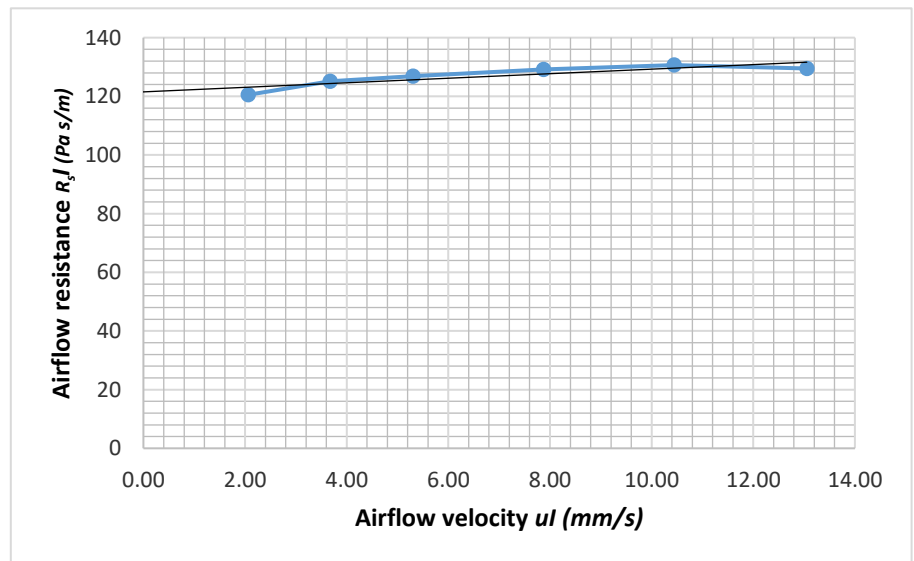
Client Kvadrat

Date: 19-03-25

Fabric details
 Type: Regos
 Item number: 13035
 Colour: 191
 Manufacturer: kvadrat
 Batch: 924162
 Finish: washed

Specimen
 Sample: 1
 Thickness: 3.55 mm
 Area specific mass: 689 g/m²
 Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	130
10.44	131
7.87	129
5.30	127
3.68	125
2.06	121



Airflow resistance $R_s = 122$ Pa s/m

Summary of results:				
Sample:	1	2	3	Mean:
Thickness:	3.55	3.48	3.60	3.54 mm
Area specific mass:	689	692	696	692 g/m²
Airflow resistance R_s:	122	125	111	119 Pa s/m

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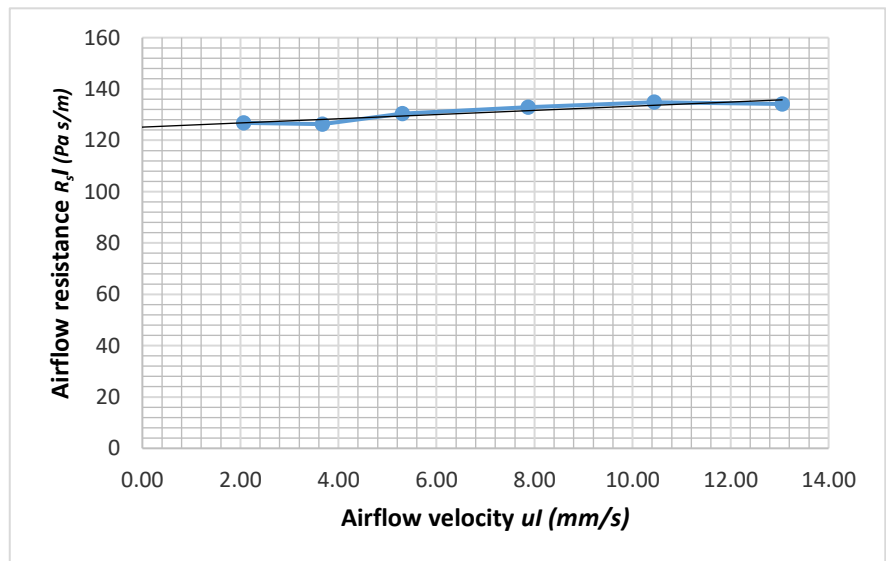
Client Kvadrat

Date: 19-03-25

Fabric details
Type: Regos
Item number: 13035
Colour: 191
Manufacturer: kvadrat
Batch: 924162
Finish: washed

Specimen
Sample: 2
Thickness: 3.48 mm
Area specific mass: 692 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	134
10.44	135
7.87	133
5.30	130
3.68	126
2.06	127



Airflow resistance $R_s = 125$ Pa s/m

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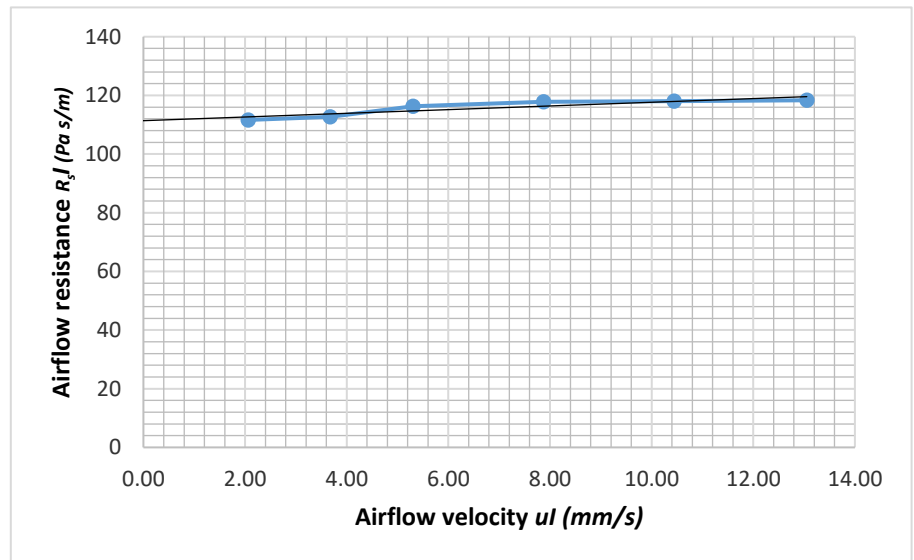
Client Kvadrat

Date: 19-03-25

Fabric details
Type: Regos
Item number 13035
Colour: 191
Manufacturer: kvadrat
Batch: 924162
Finish: washed

Specimen
Sample: 3
Thickness: 3.60 mm
Area specific mass: 696 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	118
10.44	118
7.87	118
5.30	116
3.68	113
2.06	112



Airflow resistance $R_s = 111$ Pa s/m