

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

Direct airflow method

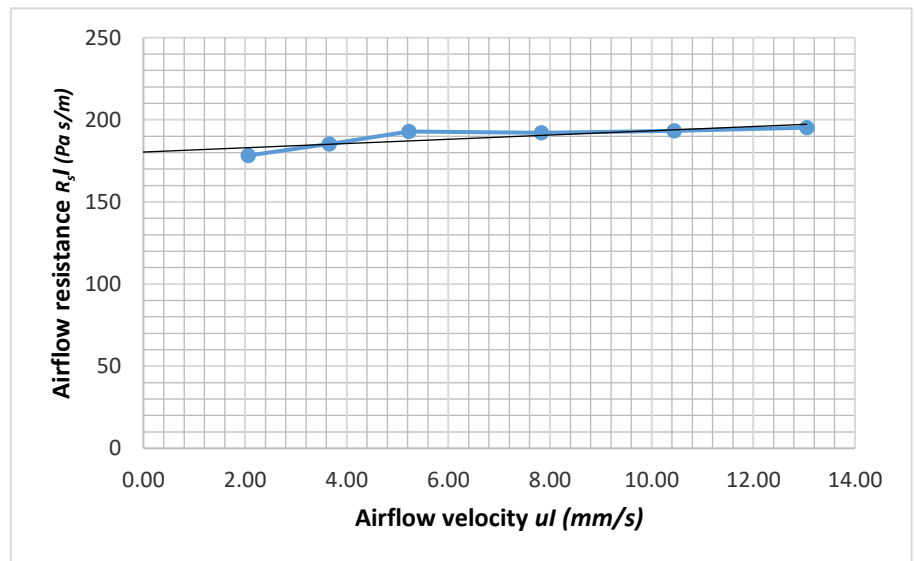
Client Kvadrat

Date: 25-11-25

Fabric details Type: Forestview  
 Item number: 1074  
 Colour: 191  
 Manufacturer: kvadrat  
 Batch:  
 Finish:

Specimen Sample: 1  
 Thickness: 1.64 mm  
 Area specific mass: 551 g/m<sup>2</sup>  
 Diameter: 100 mm

$u_l$ (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	195
10.44	193
7.83	192
5.22	193
3.65	185
2.06	178



**Airflow resistance  $R_s = 180$  Pa s/m**

Summary of results:				
Sample:	1	2	3	<b>Mean:</b>
Thickness:	1.64	1.64	1.64	<b>1.64 mm</b>
Area specific mass:	551	547	550	<b>549 g/m<sup>2</sup></b>
<b>Airflow resistance <math>R_s</math>:</b>	180	159	194	<b>178 Pa s/m</b>

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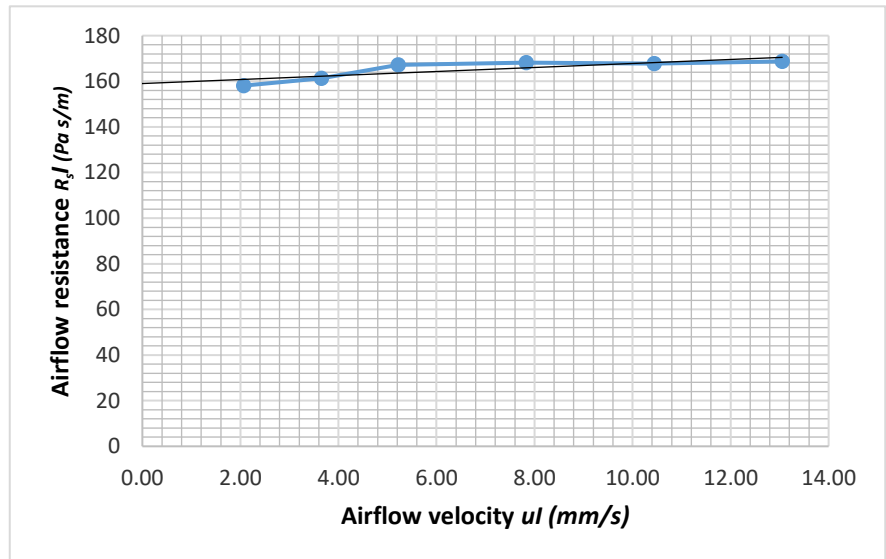
Client Kvadrat

Date: 25-11-25

Fabric details  
Type: Forestview  
Item number: 1074  
Colour: 111  
Manufacturer: kvadrat  
Batch: 0  
Finish: 0

Specimen  
Sample: 2  
Thickness: 1.64 mm  
Area specific mass: 547 g/m<sup>2</sup>  
Diameter: 100 mm

$u_l$ (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	169
10.44	168
7.83	168
5.22	167
3.65	161
2.06	158



**Airflow resistance  $R_s = 159$  Pa s/m**

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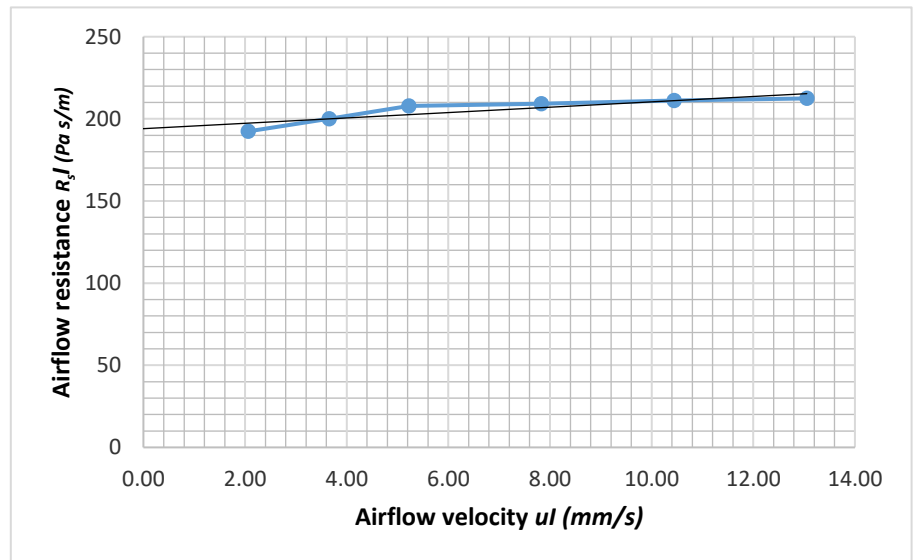
Client Kvadrat

Date: 25-11-25

Fabric details Type: Forestview  
Item number 1074  
Colour: 551  
Manufacturer: kvadrat  
Batch: 0  
Finish: 0

Specimen Sample: 3  
Thickness: 1.64 mm  
Area specific mass: 550 g/m<sup>2</sup>  
Diameter: 100 mm

$u_l$ (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	212
10.44	211
7.83	209
5.22	208
3.65	200
2.06	192



**Airflow resistance  $R_s = 194$  Pa s/m**