

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

Direct airflow method

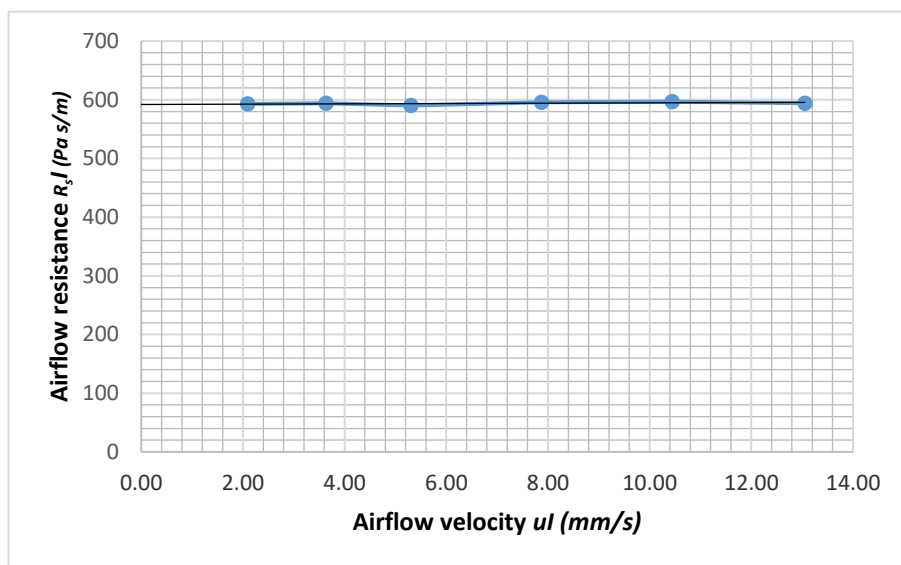
Client: Kvadrat

Date: 27/06/2022

Fabric details
 Type: Mountain
 Item number: 600210
 Colour: 2
 Manufacturer: Sahco / Kvadrat

Specimen
 Sample: 1
 Thickness: 0.66 mm
 Area specific mass: 283 g/m²
 Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	594
10.44	597
7.87	596
5.30	590
3.63	594
2.09	593



Airflow resistance $R_s = 592$ Pa s/m

Summary of results:				
Sample:	1	2	3	Mean:
Thickness:	0.66	0.66	0.66	0.66 mm
Area specific mass:	283	282	286	283 g/m ²
Airflow resistance R_s:	592	647	576	605 Pa s/m

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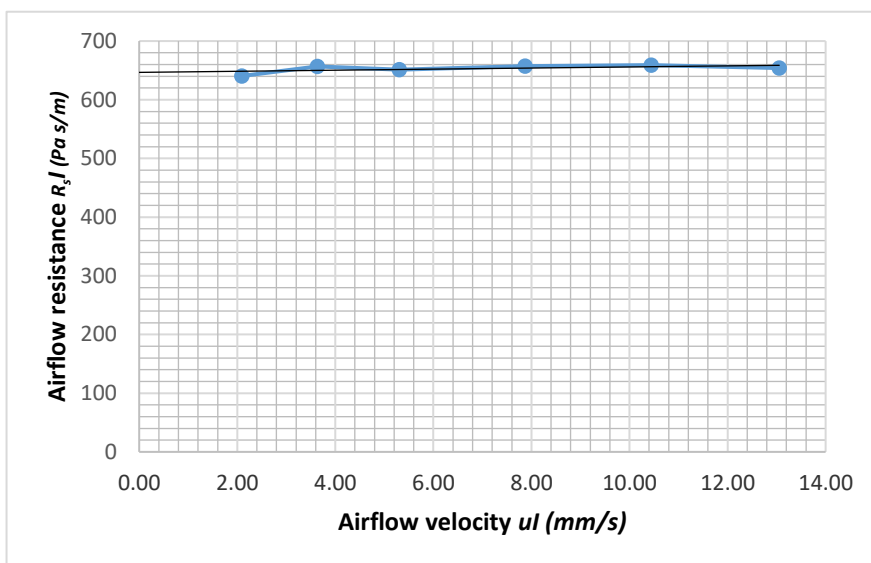
Client Kvadrat

Date: 27/06/2022

Fabric details Type: Mountain
Item number: 600210
Colour: 6505
Manufacturer: Sahco / Kvadrat

Specimen Sample: 2
Thickness: 0.66 mm
Area specific mass: 282 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	654
10.44	659
7.87	657
5.30	651
3.63	657
2.09	641



Airflow resistance $R_s = 647$ Pa s/m

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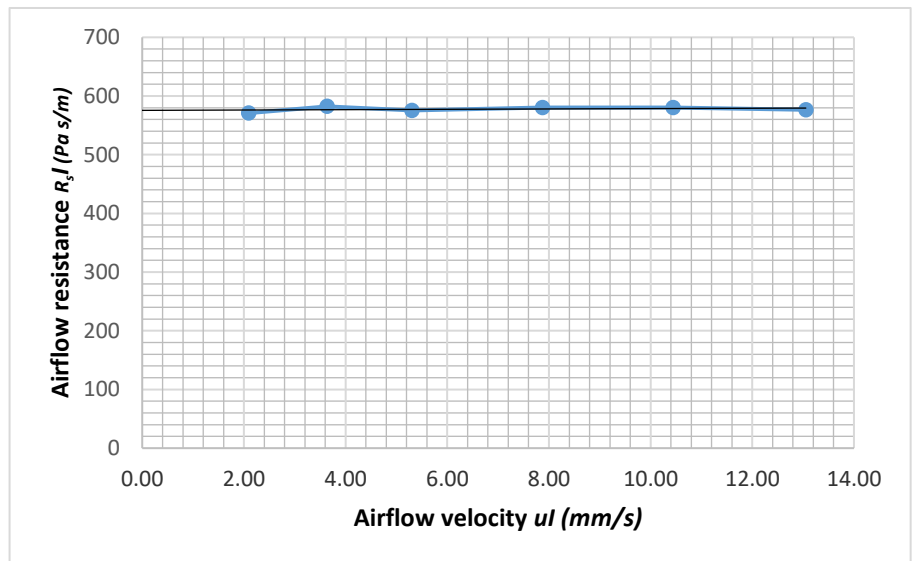
Client: Kvadrat

Date: 27/06/2022

Fabric details
Type: Mountain
Item number: 600210
Colour: 6505
Manufacturer: Sahco / Kvadrat

Specimen
Sample: 3
Thickness: 0.66 mm
Area specific mass: 286 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	577
10.44	580
7.87	580
5.30	576
3.63	582
2.09	571



Airflow resistance $R_s = 576$ Pa s/m