

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

Direct airflow method

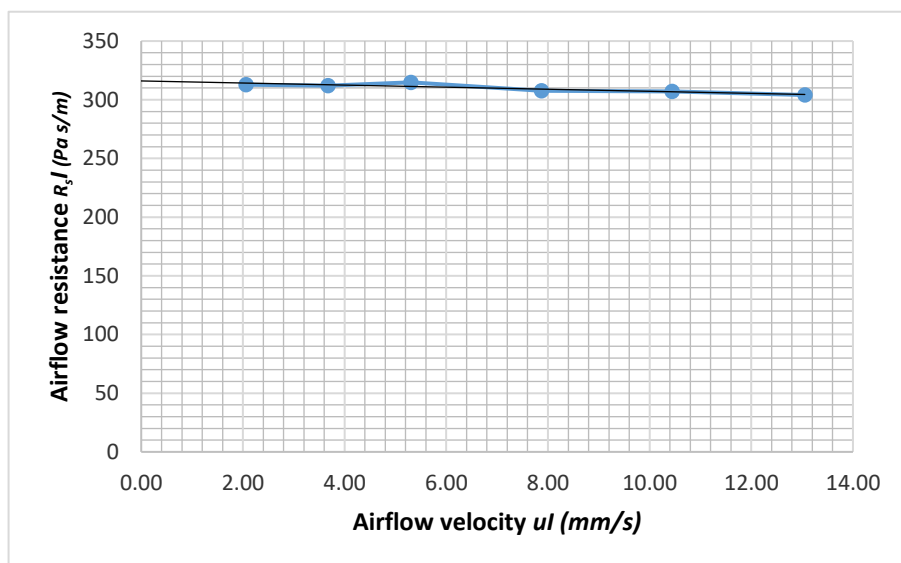
Client: Kvadrat

Date: 13/09/2023

Fabric details
 Type: Highland 100% new wool
 Item number: 7076
 Colour: 21
 Manufacturer: Kvadrat
 Batch: BA000009982

Specimen
 Sample: 1
 Thickness: 0.46 mm
 Area specific mass: 160 g/m²
 Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	304
10.44	307
7.87	308
5.30	315
3.68	312
2.06	313



Airflow resistance $R_s = 316$ Pa s/m

Summary of results:				
Sample:	1	2	3	Mean:
Thickness:	0.46	0.46	0.47	0.46 mm
Area specific mass:	160	162	160	161 g/m²
Airflow resistance R_s:	316	332	312	320 Pa s/m

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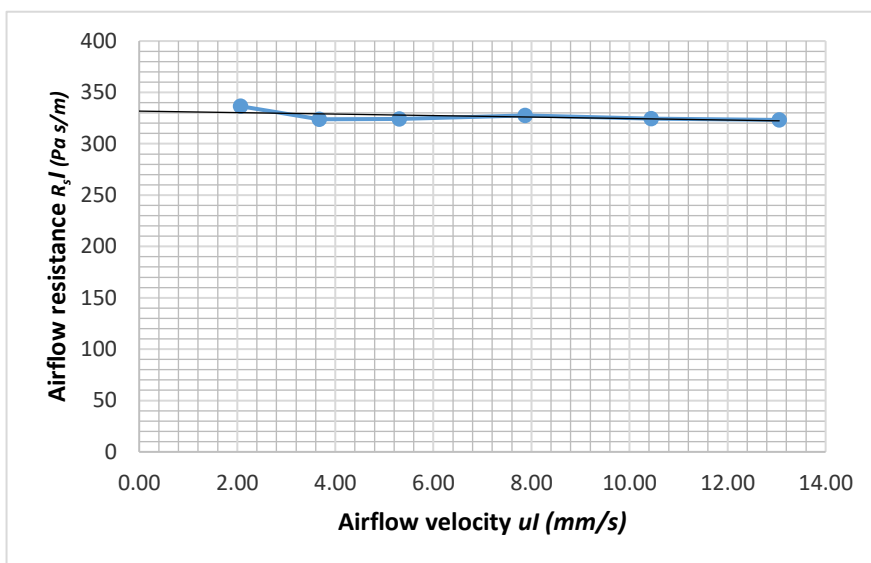
Client Kvadrat

Date: 13/09/2023

Fabric details
Type: Highland
Item number: 7076
Colour: 21
Manufacturer: Kvadrat
Batch: BA000009982

Specimen
Sample: 2
Thickness: 0.46 mm
Area specific mass: 162 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	323
10.44	325
7.87	328
5.30	324
3.68	324
2.06	337



Airflow resistance $R_s = 332$ Pa s/m

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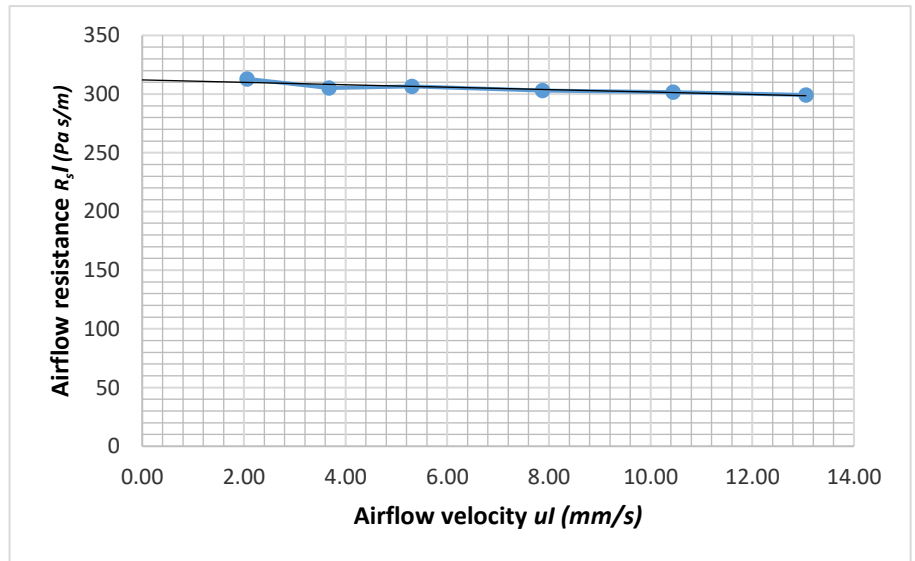
Client Kvadrat

Date: 13/09/2023

Fabric details Type: Highland
Item number 7076
Colour: 21
Manufacturer: Kvadrat
Batch: BA000009982

Specimen Sample: 3
Thickness: 0.47 mm
Area specific mass: 160 g/m²
Diameter: 100 mm

u_l (mm/s)	$R_{s,l}$ (Pa s/m)
13.05	299
10.44	302
7.87	303
5.30	307
3.68	305
2.06	313



Airflow resistance $R_s = 312$ Pa s/m