

EN 29053 - Determination of airflow resistance

Direct airflow method - method A

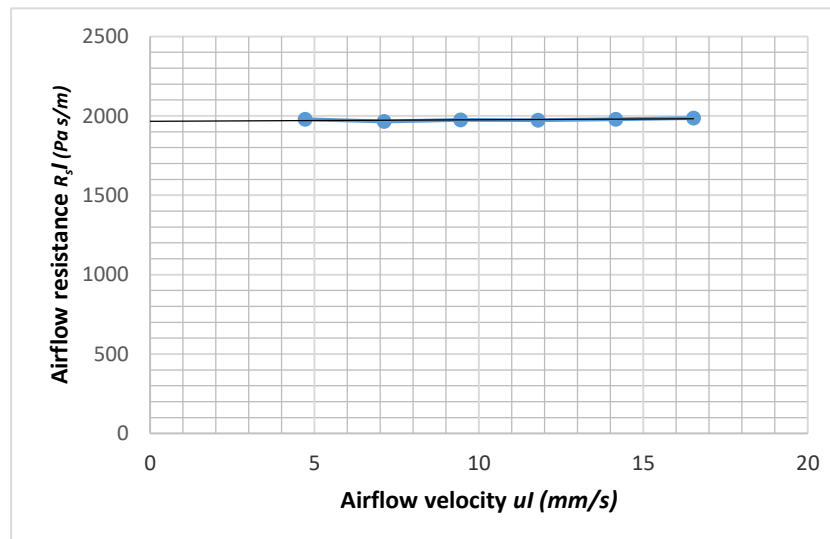
Client: Kvadrat

Date: 09/08/2021

Fabric details
Type: Molly 2
Colour: 112, 122, 152, 192
Order:
Item number
Manufacturer: Kvadrat

Specimen
Diameter: 100 mm
Thickness: 0.92 mm
Area specific mass: 498 g/m²

u_l (mm/s)	$R_s l$ (Pa s/m)
16.53	1986
14.16	1979
11.80	1974
9.44	1974
7.12	1965
4.72	1979



Airflow Resistance

$R_s = 1966$ Pa s/m

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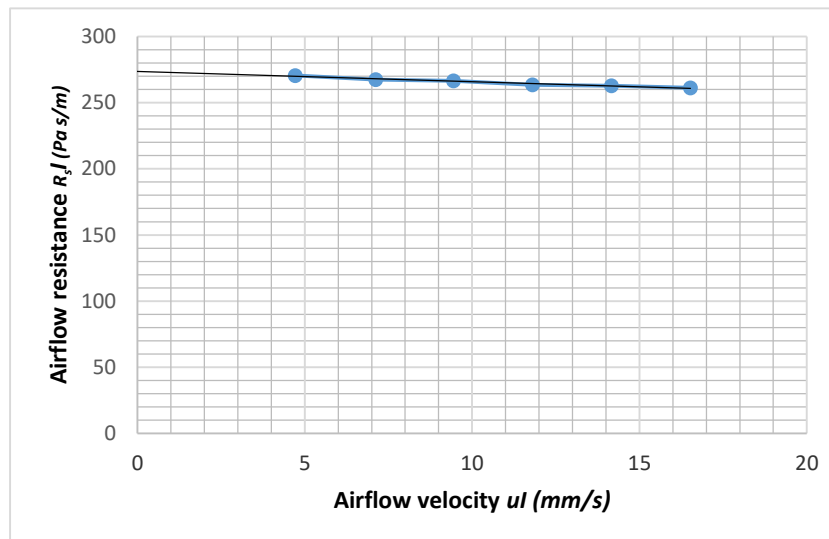
Client: Kvadrat

Date: 09/08/2021

Fabric details
Type: Molly 2
Colour: 110, 160, 190
Order:
Item number
Manufacturer: Kvadrat

Specimen
Diameter: 100 mm
Thickness: 0.82 mm
Area specific mass: 363 g/m²

u_l (mm/s)	$R_s l$ (Pa s/m)
16.53	261
14.16	263
11.80	263
9.44	267
7.12	268
4.72	271



Airflow Resistance

$R_s = 274$ Pa s/m

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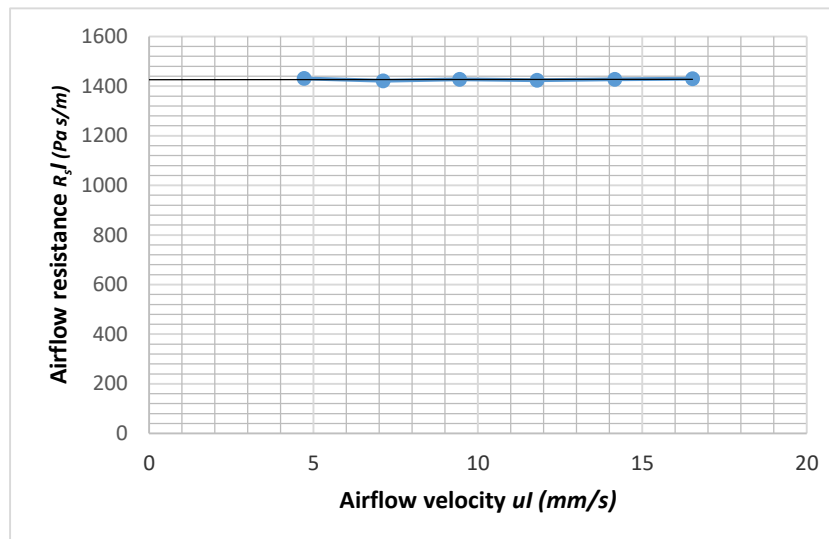
Client: Kvadrat

Date: 09/08/2021

Fabric details
Type: Molly 2
Colour: 116, 166, 196
Order:
Item number
Manufacturer: Kvadrat

Specimen
Diameter: 100 mm
Thickness: 1.1 mm
Area specific mass: 498 g/m²

u_l (mm/s)	$R_s l$ (Pa s/m)
16.53	1430
14.16	1427
11.80	1424
9.44	1427
7.12	1422
4.72	1431



Airflow Resistance

$R_s = 1426$ Pa s/m

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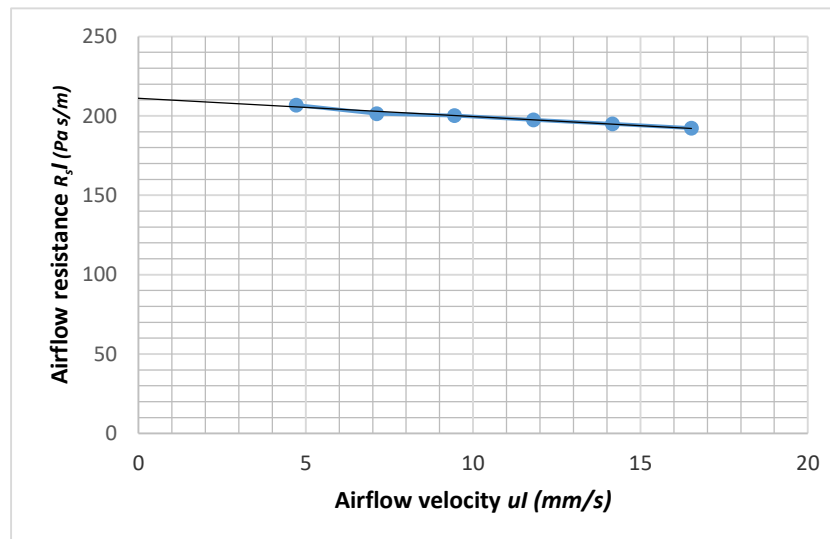
Client: Kvadrat

Date: 09/08/2021

Fabric details
Type: Molly 2
Colour: 114, 154, 164, 194
Order:
Item number
Manufacturer: Kvadrat

Specimen
Diameter: 100 mm
Thickness: 1.51 mm
Area specific mass: 551 g/m²

u_l (mm/s)	$R_s l$ (Pa s/m)
16.53	192
14.16	195
11.80	197
9.44	200
7.12	201
4.72	207



Airflow Resistance

$R_s = 211$ Pa s/m