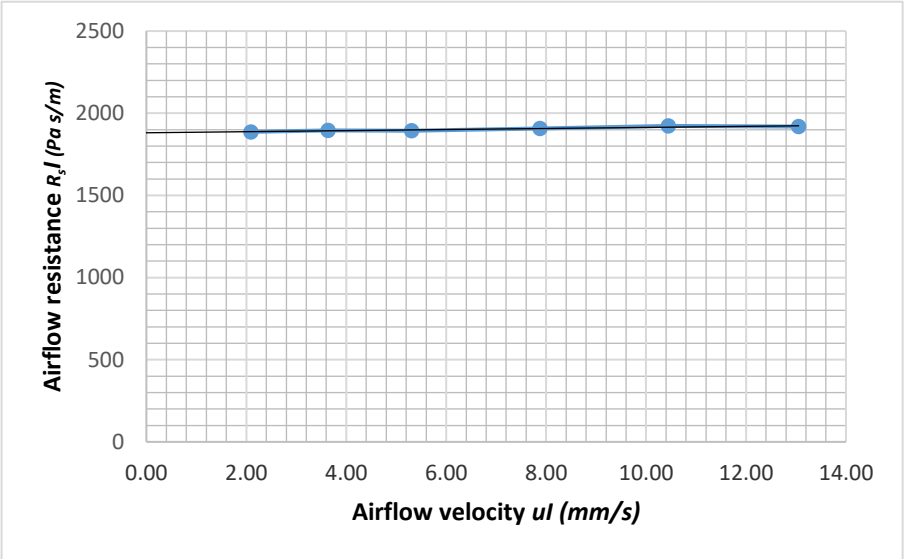
EN ISO 9053-1:2018 - Determination of airflow resistance

Direct airflow method

Client	Kvadrat		
Date:	25/05/2022		
Fabric details	Type:	AB3	
	Item number:	7105	
	Colour:	23	
	Manufacturer:	Kinnasand / Kvadrat	
Specimen	Sample:	1	
	Thickness:	0.51	mm
	Area specific mass:	249	g/m^2
	Diameter:	100	mm

ul (mm/s)	*R_s l (Pa s/m)*
13.05	1918
10.44	1923
7.87	1908
5.30	1894
3.63	1895
2.09	1887



Airflow resistance R_s = 1881 Pa s/m

Summary of results:					
Sample:	1	2	3	**Mean:**	
Thickness:	0.51	0.52	0.53	**0.52**	**mm**
Area specific mass:	249	253	249	**250**	**g/m^2**
Airflow resistance R_s:	1881	1732	1854	**1822**	**Pa s/m**

Test conducted by Kvadrat SoftCells
Poznańska 3, 62-023 Gądki

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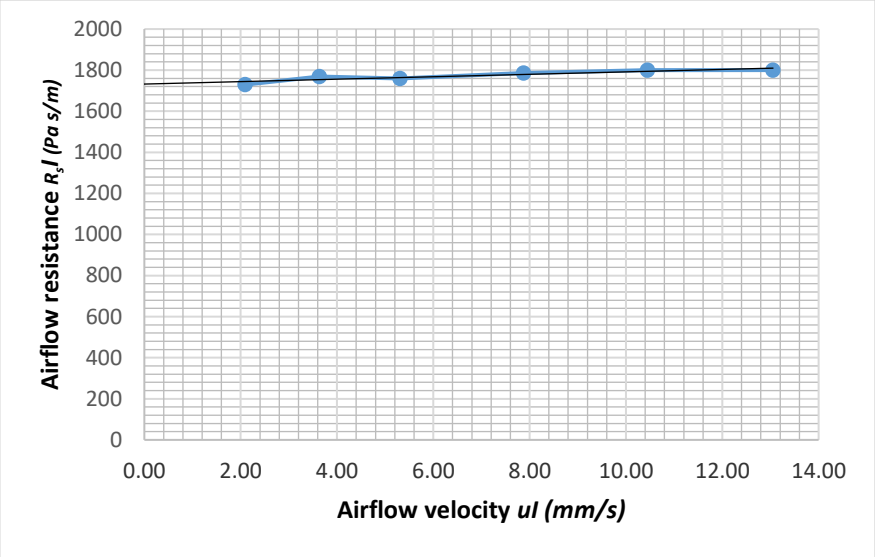
Direct airflow method

Client	Kvadrat	
Date:	25/05/2022	
Fabric details	Type:	AB3
	Item number:	7105
	Colour:	6
	Manufacturer:	Kinnasand / Kvadrat
Specimen	Sample:	2
	Thickness:	0.52 mm
	Area specific mass:	253 g/m^2
	Diameter:	100 mm

ul (mm/s)	*$R_s l$ (Pa s/m)*
13.05	1800
10.44	1800
7.87	1787
5.30	1760
3.63	1769
2.09	1729



Airflow resistance R_s = 1732 Pa s/m

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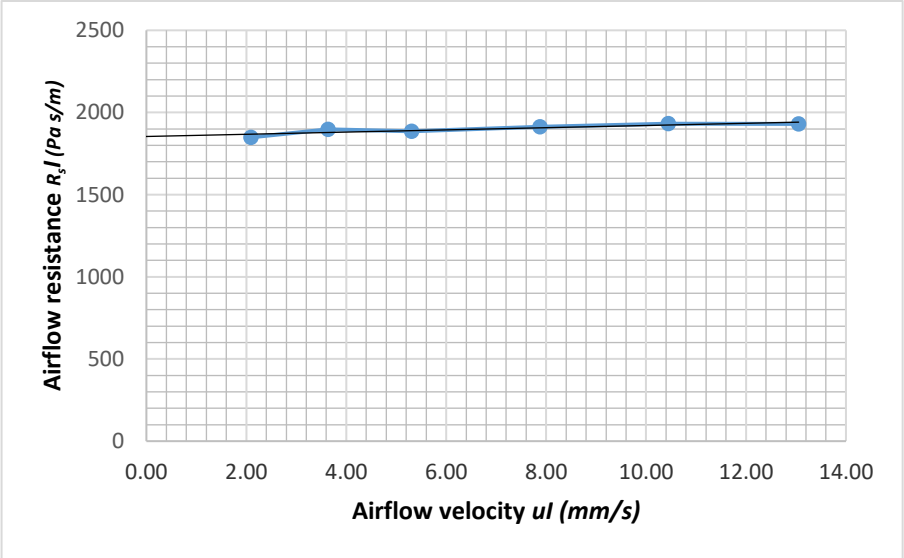
Direct airflow method

Client	Kvadrat		
Date:	25/05/2022		
Fabric details	Type:	AB3	
	Item number	7105	
	Colour:	33	
	Manufacturer:	Kinnasand / Kvadrat	
Specimen	Sample:	3	
	Thickness:	0.53	mm
	Area specific mass:	249	g/m^2
	Diameter:	100	mm

uI (mm/s)	*$R_s I$ (Pa s/m)*
13.05	1930
10.44	1932
7.87	1913
5.30	1886
3.63	1898
2.09	1849



Airflow resistance R_s = 1854 Pa s/m

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