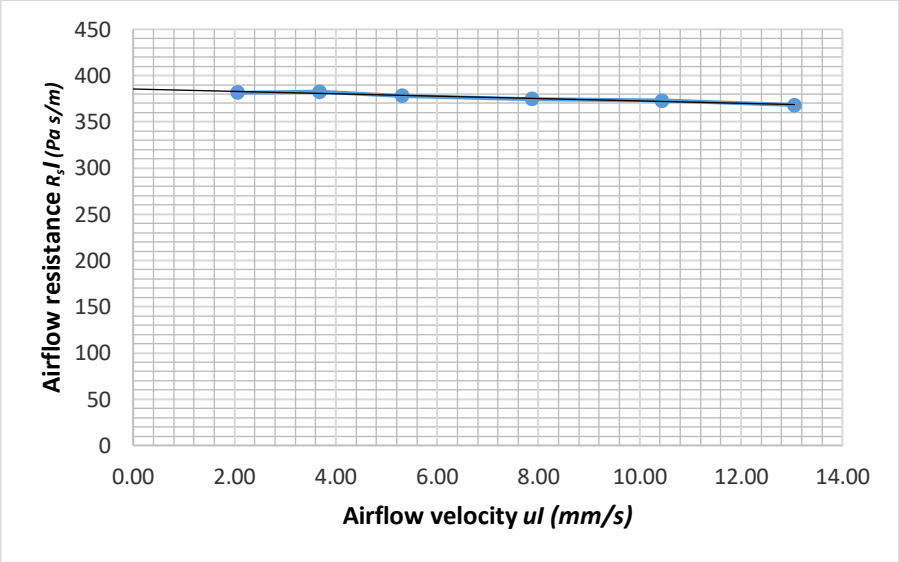
EN ISO 9053-1:2018 - Determination of airflow resistance

Direct airflow method

Client	Kvadrat		
Date:	01-08-24		
Fabric details	Type:	Myr	
	Item number:	13034	
	Colour:	222	
	Manufacturer:	kvadrat	
	Batch:		
	Finish:	washed	
Specimen	Sample:	1	
	Thickness:	2.39	mm
	Area specific mass:	621	g/m^2
	Diameter:	100	mm

ul (mm/s)	*R_sl (Pa s/m)*
13.05	368
10.44	373
7.87	375
5.30	378
3.68	383
2.06	382



Airflow resistance R_s = 385 Pa s/m

Summary of results:					
Sample:	1	2	3	**Mean:**	
Thickness:	2.39	2.41	2.35	**2.38**	**mm**
Area specific mass:	621	623	626	**624**	**g/m^2**
Airflow resistance R_s:	385	363	368	**372**	**Pa s/m**

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

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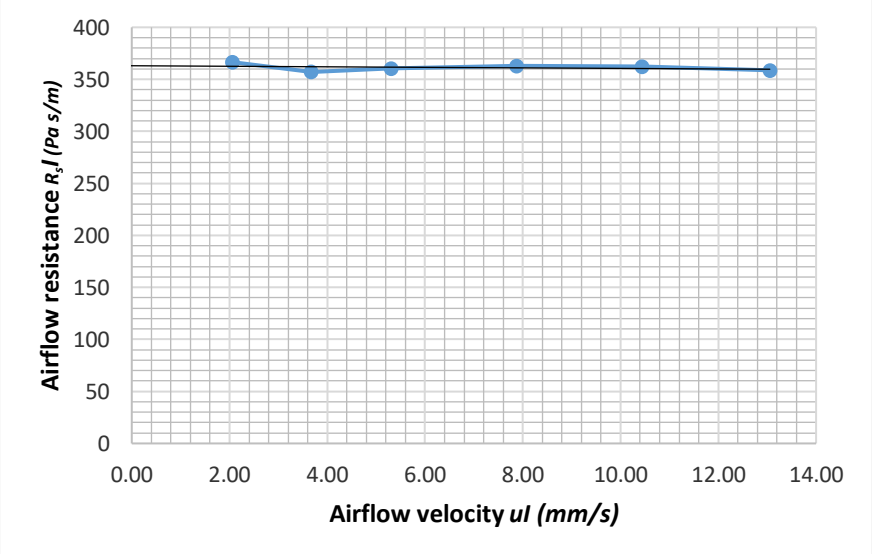
Client	Kvadrat	
Date:	01-08-24	
Fabric details	Type:	Myr
	Item number	13034
	Colour:	222
	Manufacturer:	kvadrat
	Batch:	0
Specimen	Sample:	2
	Thickness:	2.41 mm
	Area specific mass:	623 g/m^2
	Diameter:	100 mm

uI (mm/s)	*R_sI (Pa s/m)*
13.05	359
10.44	362
7.87	363
5.30	361
3.68	357
2.06	366



Airflow resistance R_s = 363 Pa s/m

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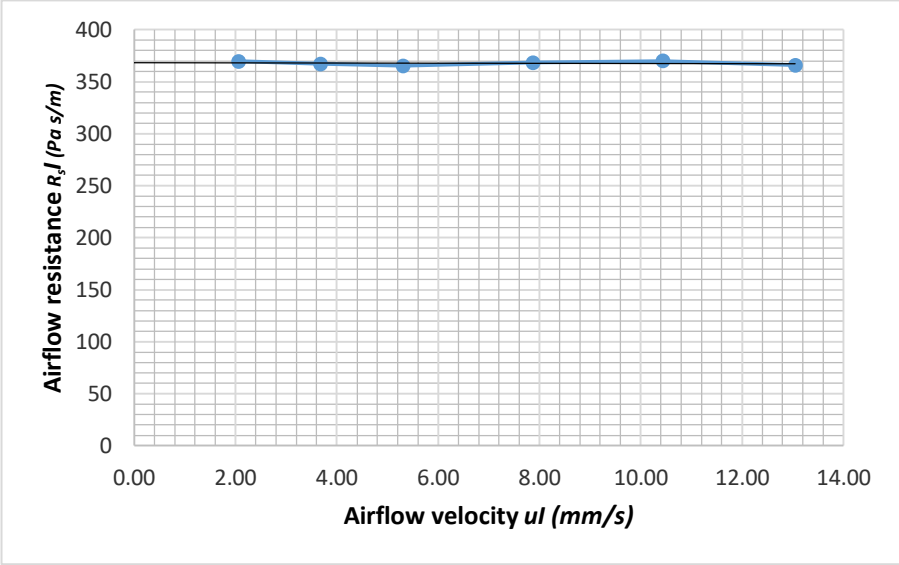
Direct airflow method

Client	Kvadrat		
Date:	01-08-24		
Fabric details	Type:	Myr	
	Item number	13034	
	Colour:	222	
	Manufacturer:	kvadrat	
	Batch:	0	
Specimen	Sample:	3	
	Thickness:	2.35	mm
	Area specific mass:	626	g/m^2
	Diameter:	100	mm

ul (mm/s)	$R_s l$ *(Pa s/m)*
13.05	366
10.44	370
7.87	368
5.30	365
3.68	367
2.06	370



Airflow resistance R_s = 368 Pa s/m

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