TEXFILT PRE FILTERMATS

PRE 100K		PRE 150K		PRE 200K		PRE 300K	
G 2 EN 779	EU 2 DIN 24 185	G 3 EN 779	EU 3 DIN 24 185	G 4 EN 779	EU 4 DIN 24 185	G 4 EN 779	EU 4 DIN 24 185

- Tested according to EN 779
- Shatter-proof synthetic fibres
- Contains no silicone or other lacquer harming substances
- High dust holding capacity
- Long service life

The application

PRE filter mats are used for intake air filtration in all kinds of ventilation systems, particularly for coarse dust arrestance and as pre-filter stages.

Material characteristics

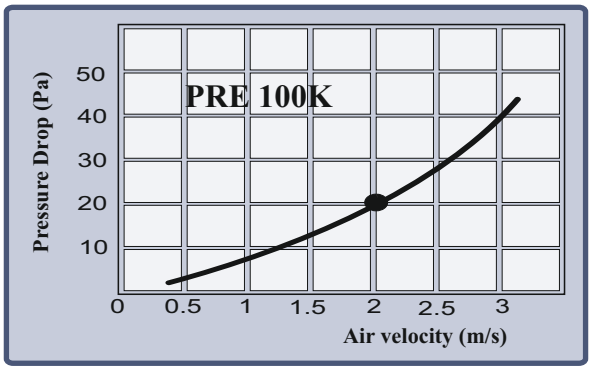
The mats are made of high performance nonwovens produced from break-resistant polyester fibers with thermal bonding.
This technique has several distinctive advantages : through-bonded in depth offering dimensional stability ; improved strength, big dustholding capacity combined with a long life time.

		PRE 100K	PRE 150K	PRE 200K	PRE 300K
Material		PES	PES	PES	PES
Weight	g/m^2	100	150	200	300
Thickness	mm	10	12	18	25
Thermal stability	°C	up to 80	up to 80	up to 80	up to 80
Humidity resistance	%	up to 100	up to 100	up to 100	up to 100
Supplied as rolls width/length	mm/m	2000/20	2100/30	2100/25	2000/20
Supplied as precuts	mm	Pieces cut to customer's specification			

Technical filtertest data in accordance with EN 779

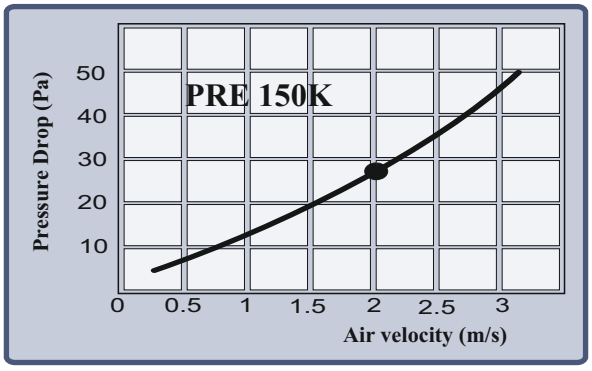
PRE 100K

Average arrestance	A_a	%	68
Initial efficiency	E_i	%	>20
Nominal velocity		m/s	2
Initial pressure drop		Pa	20
Recommended final pressure drop		Pa	150
Dust holding capacity		g/m^2	380



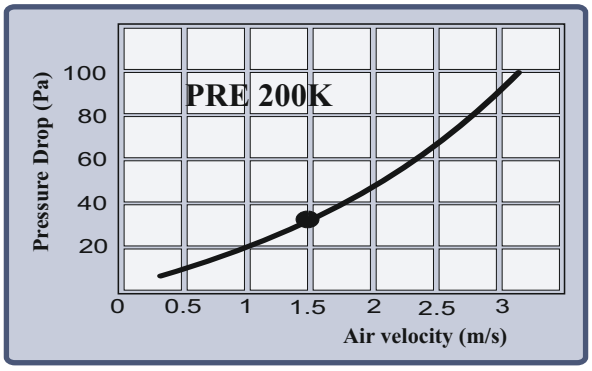
PRE 150K

Average arrestance	A_a	%	87
Initial efficiency	E_i	%	>20
Nominal velocity		m/s	2
Initial pressure drop		Pa	28
Recommended final pressure drop		Pa	200
Dust holding capacity		g/m^2	400



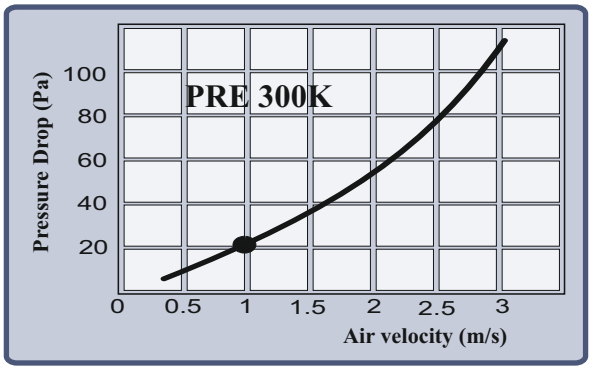
PRE 200K

Average arrestance	A_a	%	90
Initial efficiency	E_i	%	>20
Nominal velocity		m/s	1.5
Initial pressure drop		Pa	32
Recommended final pressure drop		Pa	200
Dust holding capacity		g/m^2	500



PRE 300K

Average arrestance	A_a	%	93
Initial efficiency	E_i	%	>20
Nominal velocity		m/s	1
Initial pressure drop		Pa	25
Recommended final pressure drop		Pa	200
Dust holding capacity		g/m^2	600



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