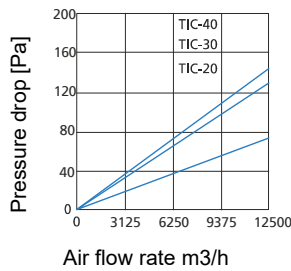


Pressure drop diagrams



Filter mats FibroidElastic

consist of latex-bonded, randomly structured natural mixed fibres with uniform depth structure and great intrinsic stiffness, the mats are elastic, not provided with a wetting agent, and repeatedly regenerable.

Application:

Primarily used with high dust concentration and filtration of especially coarse dust.

Special features:

Very efficient thanks to extremely low initial pressure drop, with high air volume flow as well; very high dust holding capacity.

Areas of application:

Climate control facilities and air handling units in the cement industry or similar areas, intake and combustion air for fans, compressors, internal-combustion engines and pneumatic conveyor systems.

*Filter class as of
EN 779:2012
G2 & G3*

*For the NEW Filter class
as of ISO 16890
refer to table*

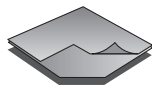
*Medium
natural mixed fibres*

*Temperature
resistance
< 60 °C*

Technical data

FibroidElastic		TIC-20	TIC-30	TIC-40
Filter class <i>OLD</i>	[EN 779:2012]	G2	G2	G3
Filter class <i>NEW</i>	[ISO 16890]	ISO Coarse 35 %	ISO Coarse 45 %	ISO Coarse 60 %
Installation depth/thickness	[mm]	20	30	40
Volumetric flow rate	[m³/h m²]	10000	10000	10000
Initial pressure drop	[Pa]	65	75	95
Maximum allowed pressure drop	[Pa]	250	250	250
Mean degree of arrestance	[%]	73.1	77.1	84.6
Dust holding capacity:	[g/m²]	920	933	1064
Fire behaviour	[DIN 53438]	F1/K1	F1/K1	F1/K1
Max. operating temperature	[°C]	60	60	60
Max. relative air humidity	[%]	100	100	100

*Form of delivery/
Order number*



FibroidElastic	Size	ORD.No.
Special-dimension elements		
TIC-20	0 to 2 m², maximum width 1 m	X-TIC-20-C35
TIC-30	0 to 2 m², maximum width 1 m	X-TIC-30-C45
TIC-40	0 to 2 m², maximum width 1 m	X-TIC-40-C60
Plate		
TIC-20	1 x 2 m, packaging unit 1	16 08 481-C35
TIC-30	1 x 2 m, packaging unit 1	16 08 881-C45
TIC-40	1 x 2 m, packaging unit 1	16 09 281-C60