



**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

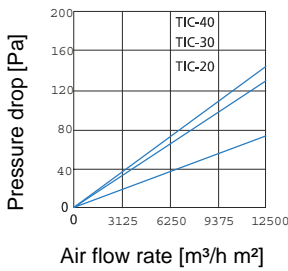
**Special features:**

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

**Pressure drop diagrams**



*Technical data*

FibroidElastic		TIC-20	TIC-30	TIC-40
Filter class	[EN 779:2012]	G2	G2	G3
Installation depth/thickness	[mm]	20	30	40
Volume flow	[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.
<b>Special-dimension elements</b>		
TIC-20	0 to 2 m², maximum width 1 m	<b>X-TIC-20</b>
TIC-30	0 to 2 m², maximum width 1 m	<b>X-TIC-30</b>
TIC-40	0 to 2 m², maximum width 1 m	<b>X-TIC-40</b>
<b>Plate</b>		
TIC-20	1 x 2 m, packaging unit 1	<b>16 08 481</b>
TIC-30	1 x 2 m, packaging unit 1	<b>16 08 881</b>
TIC-40	1 x 2 m, packaging unit 1	<b>16 09 281</b>