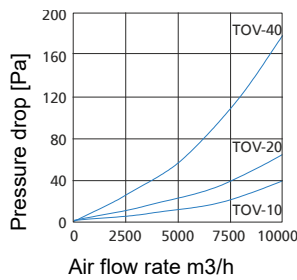


**Pressure drop diagrams**



**Filter mats FibroidElastov**

consist of robust fleece made of randomly structured polyester fibres with progressive depth structure, the filter layer, not provided with a wetting agent, is elastic and regenerable.

**Application:**

Reliable filtration of coarse dust in climate control and air handling systems.

**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:**

General purpose climate control facilities and air handling units, protection against contamination of large machines and switchgear, air intake and combustion air for fans, compressors, internal-combustion motors.

*Filter class as of  
EN 779:2012  
G3 & G4*

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

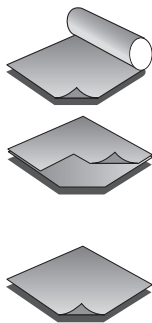
*Medium  
polyester fibres*

*Temperature  
resistance  
< 80 °C / < 70 °C*

*Technical data*

<b>FibroidElastov</b>		<b>TOV-10</b>	<b>TOV-20</b>	<b>TOV-40</b>
Filter class <i>OLD</i>	[EN 779:2012]	G3	G3	G4
Filter class <i>NEW</i>	[ISO 16890]	ISO Coarse 35 %	ISO Coarse 45 %	ISO Coarse 55 %
Installation depth/thickness	[mm]	10	20	40
Nominal air volume flow	[m³/h m²]	2500	2500	2500
Maximum volume flow	[m³/h m²]	10000	10000	10000
Initial pressure drop	[Pa]	9	14	26
Maximum allowed pressure drop	[Pa]	250	250	250
Mean degree of arrestance	[%]	81.0	87.0	93.0
Dust holding capacity:	[g/m²]	635	530	477
Fire behaviour	[DIN 53438]	F1/K1	F1/K1	F1/K1
Max. operating temperature	[°C]	80	70	70
Max. relative air humidity	[%]	100	100	100

*Form of delivery/  
Order number*



<b>FibroidElastov</b>	<b>Size</b>	<b>ORD.No.</b>
<b>Rolls</b>		
TOV-10	2 X 30 m, units of shipment 1	<b>X-TOV-10-C35</b>
TOV-20	2 X 20 m, units of shipment 1	<b>X-TOV-20-C45</b>
<b>Special-dimension elements</b>		
TOV-20	0 to 2 m², maximum width 1 m	<b>X-TOV-20-C45</b>
TOV-40	0 to 2 m², maximum width 1 m	<b>X-TOV-40-C55</b>
<b>Plate</b>		
TOV-10	1 x 1.5 m, packaging unit 5	<b>16 06 581-C35</b>
TOV-20	1 x 1.5 m, packaging unit 5	<b>16 07 021-C45</b>
TOV-40	1 x 1.5 m, packaging unit 5	<b>16 08 021-C55</b>