



The synthetic material TGM 315/10 is primarily used in general ventilation systems. It is particularly suitable for simpler applications, such as extract air filtration or pre-filtration for a higher filtration stage.

Synthetic filter medium for general ventilation systems

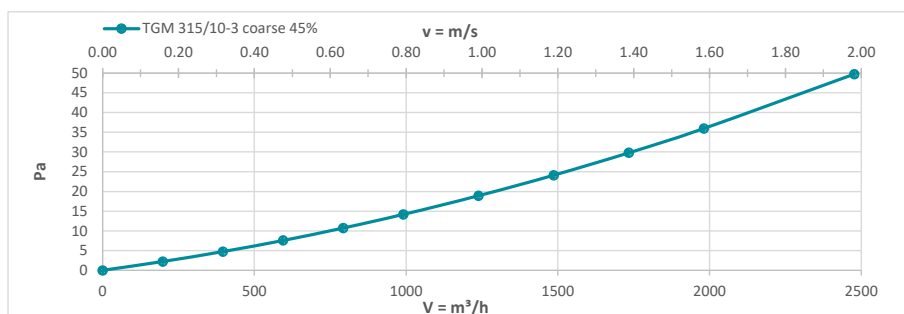
- 10 mm thickness
- Identical structure on both sides

Filterklasse nach ISO 16890 coarse:

Nach Vorgängernorm EN 779:2012 (gültig bis 06/18):

45%

G3



Test specimen 592 x 592 mm



Model designation	Item Number	Dimensions (mm) Width x Length x Thickness	Filter Area (m²)	Volume Flow (m³/h)	Initial Pressure Differential (Pa)	Bruttopreis / m² (CHF)	Bruttopreis / Stk. (CHF)
TGM 315/10-3 coarse 45%	FM-1010	2000 x 20000 x 10	40.00	2'000	35		353.00
TGM 315/10-3 coarse 45%	FS-1010					12.20	

TGM 315/10-3 coarse 45%	
Dimensions (mm) Width x Length x Thickness:	2000 x 20000 x 10
Filter Area (m²):	40.00
Volume Flow (m³/h):	2'000
Initial Pressure Differential (Pa):	35
Final pressure difference (Pa):	200
Burst pressure (Pa):	>600
Filter class according to ISO 16890 coarse:	45%
According to previous standard EN 779:2012 (valid until 06/18):	G3
Dust Retention Capacity (g):	693
Max. Operating Temperature (°C):	80
Fire Behavior According to DIN 53438:	F1
Fire Rating (BKZ):	4.2
Fire Behavior According to DIN EN ISO 11925-2:2010:	E
Fire Behavior According to DIN 4102:	B2
Raw Materials:	PES
Filter Media Color:	white
Property:	same on both sides

Please note the following information:

- Minimum unit price: up to 19 units 7.00 CHF (including tax) // 20 to 49 units 4.50 CHF (including tax) // 50 to 99 units 3.50 CHF (including tax) // 100 or more units 2.50 CHF (including tax)

Tolerances: Material thickness +/- 10%

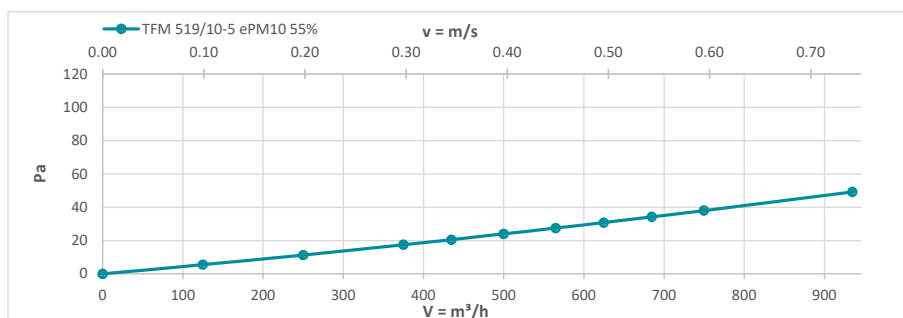


The synthetic material TFM 519/10 is used in general ventilation applications. Thanks to its classification as ePM_{1.1} 55%, it is also suitable for more demanding applications, such as pre-filtration for higher filtration stages.

Synthetic filter medium for general ventilation

- 10 mm thickness
- Progressive structure

Filterklasse nach ISO 16890 ePM₁₀: **55%**
Filterklasse nach ISO 16890 coarse: **85%**
Nach Vorgängernorm EN 779:2012 (gültig bis 06/18): **M5**



Test specimen 592 x 592 mm



Model designation	Item Number	Dimensions (mm) Width x Length x Thickness	Filter Area (m ²)	Volume Flow (m ³ /h)	Initial Pressure Differential (Pa)	Bruttopreis / m ² (CHF)	Bruttopreis / Stk. (CHF)
TFM 519/10-5 ePM10 55%	FM-1210	2000 x 40000 x 10	80.00	750	37		1'147.00
TFM 519/10-5 ePM10 55%	FS-1210					18.30	

TFM 519/10-5 ePM10 55%	
Dimensions (mm) Width x Length x Thickness:	2000 x 40000 x 10
Filter Area (m ²):	80.00
Volume Flow (m ³ /h):	750
Initial Pressure Differential (Pa):	37
Final pressure difference (Pa):	300
Burst pressure (Pa):	>600
Filter class according to ISO 16890 ePM ₁₀ :	55%
Filter class according to ISO 16890 coarse:	85%
According to previous standard EN 779:2012 (valid until 06/18):	M5
Dust Retention Capacity (g):	194
Max. Operating Temperature (°C):	80
Fire Behavior According to DIN 53438:	F1
Fire Rating (BKZ):	4.2
Fire Behavior According to DIN EN ISO 11925-2:2010:	E
Fire Behavior According to DIN 4102:	B2
Raw Materials:	PES
Filter Media Color:	white
Property:	progressive

Please note the following information:

- Minimum unit price: up to 19 units 7.00 CHF (including tax) // 20 to 49 units 4.50 CHF (including tax) // 50 to 99 units 3.50 CHF (including tax) // 100 or more units 2.50 CHF (including tax)

Tolerances: Material thickness ±10%



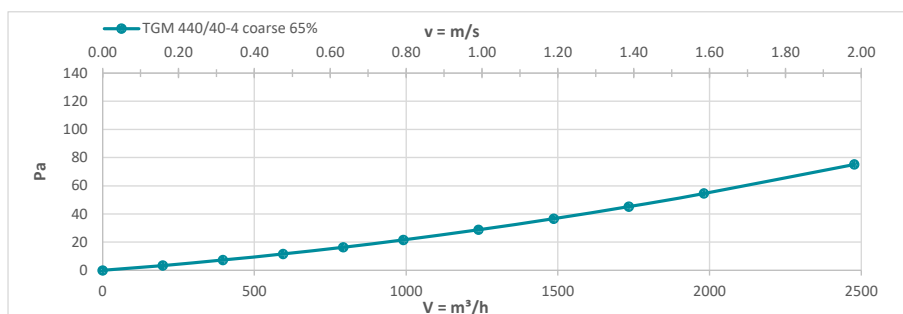
The synthetic material TGM 440/40 is primarily used in general ventilation systems. It is particularly suitable for simpler applications, such as extract air filtration or pre-filtration for a higher-grade filter stage.

Synthetic filter medium for general ventilation systems or as a secondary filter for paint mist separation

- 40 mm thickness
- Progressive structure

Filterklasse nach ISO 16890 coarse:

Nach Vorgängernorm EN 779:2012 (gültig bis 06/18):

65%**G4**

Test specimen 592 x 592 mm



Model designation	Item Number	Dimensions (mm) Width x Length x Thickness	Filter Area (m²)	Volume Flow (m³/h)	Initial Pressure Differential (Pa)	Bruttopreis / m² (CHF)	Bruttopreis / Stk. (CHF)
TGM 440/40-4 coarse 65%	FM-1035	2000 x 20000 x 40	40.00	2'000	54		661.50
TGM 440/40-4 coarse 65%	FS-1035					21.00	

TGM 440/40-4 coarse 65%	
Dimensions (mm) Width x Length x Thickness:	2000 x 20000 x 40
Filter Area (m²):	40.00
Volume Flow (m³/h):	2'000
Initial Pressure Differential (Pa):	54
Final pressure difference (Pa):	200
Burst pressure (Pa):	>600
Filter class according to ISO 16890 coarse:	65%
According to previous standard EN 779:2012 (valid until 06/18):	G4
Dust Retention Capacity (g):	817
Max. Operating Temperature (°C):	80
Fire Behavior According to DIN 53438:	F1
Fire Rating (BKZ):	4.2
Fire Behavior According to DIN EN ISO 11925-2:2010:	E
Fire Behavior According to DIN 4102:	B2
Raw Materials:	PES
Filter Media Color:	white
Property:	progressive

Please note the following information:

- Minimum unit price: up to 19 units 7.00 CHF (including tax) // 20 to 49 units 4.50 CHF (including tax) // 50 to 99 units 3.50 CHF (including tax) // 100 or more units 2.50 CHF (including tax)

Tolerances: Material thickness +/- 10%



This material is primarily used in surface finishing applications. It features a progressive structure, allowing it to optimally capture paint mist.

Glass fiber filter medium for paint mist separation

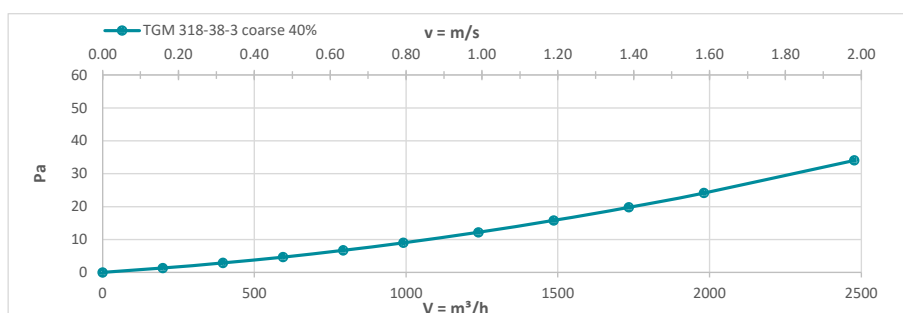
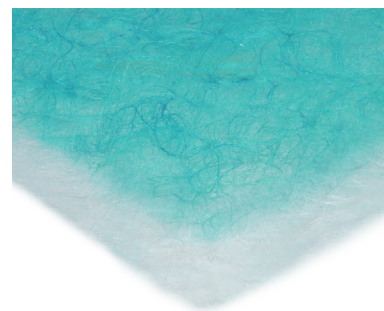
- 38 mm thickness
- Progressive structure

Filterklasse nach ISO 16890 coarse:

Nach Vorgängernorm EN 779:2012 (gültig bis 06/18):

40%

G3



Test specimen 592 x 592 mm

Model designation	Item Number	Dimensions (mm) Width x Length x Thickness	Filter Area (m²)	Volume Flow (m³/h)	Initial Pressure Differential (Pa)	Bruttopreis / m² (CHF)	Bruttopreis / Stk. (CHF)
TGM 318/38-3 coarse 40%	FM-1630	2000 x 20000 x 38	40.00	2'000	24		298.00
TGM 318/38-3 coarse 40%	FS-1630					9.35	

TGM 318/38-3 coarse 40%	
Dimensions (mm) Width x Length x Thickness:	2000 x 20000 x 38
Filter Area (m²):	40.00
Volume Flow (m³/h):	2'000
Initial Pressure Differential (Pa):	24
Final pressure difference (Pa):	200
Burst pressure (Pa):	>600
Filter class according to ISO 16890 coarse:	40%
According to previous standard EN 779:2012 (valid until 06/18):	G3
Max. Operating Temperature (°C):	100
Raw Materials:	Glass
Filter Media Color:	green / white
Property:	progressive

Please note the following information:

- Minimum unit price: up to 19 units 7.00 CHF (including tax) // 20 to 49 units 4.50 CHF (including tax) // 50 to 99 units 3.50 CHF (including tax) // 100 or more units 2.50 CHF (including tax)

Tolerances: Material thickness $\pm 10\%$