



HTMfiltre

Product Brochure

High Quality Filters
and Accessories

"One Supplier, All Filtration Solutions"



In Search of Perfection

As **HTM Filter Technologies**, with the great experience and knowledge in dust filtration market, we are continuously trying hard to find the best raw material all around the world and serve our customer with affordable prices. We are closely following the filtration technologies and innovations. Main purpose of this effort is to serve our customer better. This effort make our products very innovative, high quality and much more affordable. We are ready to find the best and the most economical solutions to our customers and partners.

Our sales and production operation is in Istanbul where is one of the most important and the biggest metropol. Throughout the history, Istanbul is always center of trade, cultural activities and production for Europe, Middle East and Asian countries. As **HTM Filter Technologies**, we are producing our products with the inspiration Istanbul giving us.

Even if you are not interested in our products, we know you will love Istanbul.



Material Search

- Heart of the filter is media.
HTM Filter always serves the best media to it's customers.

Technical Analysis

- We don't accept the media without technical analysis.
Data is everything!

Compliance Test

- If data cannot be processing, it is just number. We make compliance tests to process.

Production

- Good media can only become good filter in gifted hand. We give the attention it deserves.

Quality Check

- Qualified product cannot be produced without quality check. Quality Control is real matter for us.





Dust Filtration

HTM Filter Technologies are manufacturing both its own design and widely used designs like DIN, Oval, Twist Lock etc. Dust filtration required special expertise. HTM Filter Technologies has great experience and know-how after spending 10+ years in the market.

DUST FILTRATION



Dust filtration requires special expertise. Filtration solutions or decision made by in experts harms companies a lot. Short life time (Quick replacement), wrong filter area decision (leads high electricity and compressed air consumptions) and maintenance cost are some of these harms. For this reason, working with a high experienced, qualified, innovative and dynamic companies is very essential especially in dust filtration.

HTM Filter Technologies works with pioneers of the market for a long time. That's why HTM Filter Technologies most probably has the filtration solution you need.

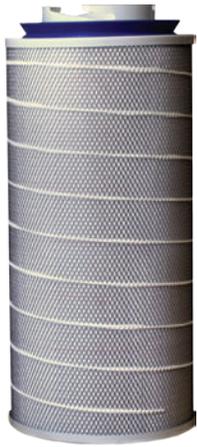
You can get in touch with one of HTM Filter sales representatives when you need a qualified filtration solution.

Why HTM Filter Technologies?

-  Tailor-made filtration solutions
- 10+** 10+ years of experience and know-how
-  Meets your technical demands.
-  Quick communication.
-  Fast Delivery
-  Reliable solution partner



Cartridge Filters

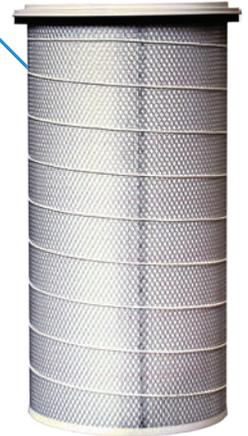


Twist Lock

- Installed from dirty side of the collector.
- Special flange design provides extreme leak proof.
- All parts produced and installed carefully

Top Loader

- Installed from clean side of the collector.
- Square profile seal provides extreme leak proof.
- All part produced and installed carefully

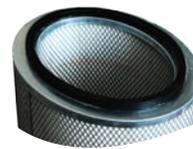


DIN Type

- Can be installed either from dirty side or clean side of the collector.
- Square seal provides optimum leak proof.
- Open-Open and Open-Closed models are available.

Oval Type

- Can be installed either from dirty side or clean side of the collector.
- Oval construction provides better efficiency.
- Open-Open model is available

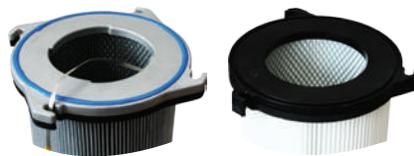


JET Type

- Generally installed from clean side of the collector.
- 3 and 4 lugs model are available
- Aluminium cast and ABS models are available.

Conical

- Generally installed from clean side of the collector.
- Conical shape provide better dust release during cleaning cycle
- Flange type can be selected.



Filter Type	O/D (Ø mm)	I/D (Ø mm)	Length (mm)	Filter Area
DIN	351 / 324 / 320	240 / 213	600 / 660 / 1.000 / 1.200	max. 42 m ²
JET	217	JET	600 / 660 / 1.000 / 1.200	max. 42 m ²
Top Loader	324	214	600 / 660 / 1.000 / 1.200	max. 42 m ²
Twist Lock	324	214	600 / 660 / 1.000 / 1.200	max. 42 m ²
Conical	N/A	N/A	N/A	N/A
Oval	290/366	279	600 / 660	max. 21 m ²

Pleated Bag Filters

Top Loader



- Installed from clean side of the collector.
- Venturi/Fitting equipment is integrated
- Low pleat height provides better dust release even in intense dust loads.

Bottom Loader



- Installed from clean side of the collector. Do not need to remove blow pipe to replace filter.
- Low pleat height provides better dust release even in intense dust loads.

2 Bolts



- Commonly used in Silo-Top filter units
- Low pleat height provides better dust release even in intense dust loads.



Filter Type	O/D (Ø mm)	I/D (Ø mm)	Length (mm)	Filter Area
Top Loader	155/160	90	max. 2.000	max. 8 m ²
Bottom Loader	N/A	N/A	max. 2.000	max. 8 m ²
2 Bolts	150	122	max. 2.000	max. 6 m ²

Pleated Bag vs. Bag Filter



Pleated Bag filters have several advantages when it compares to Needle Felt Filters. The most important advantage is to provide much more filtration area within the same size, or in other words, providing the same filtration area within much smaller collectors.

	Innovative Pleated Bag	Traditional Bag Filters
Filter Length	max. 2 m	max. 8 m
Filtration Area	2-3 times larger than bag filters	Small
Filter Life	Perfect	Acceptable
Installation/Maintenance	Easy (short and integrated cage)	Difficult (Long and Seperate Cages)
Emission Level	Low (High Efficiency)	High (Low Efficiency)
Power Consumption	Low	High
Air Permeability	Perfect	Acceptable
Pressure Loss	Low	High
Bag House Investment	Less (Smaller Bag House)	High (Bigger Bag Houses)

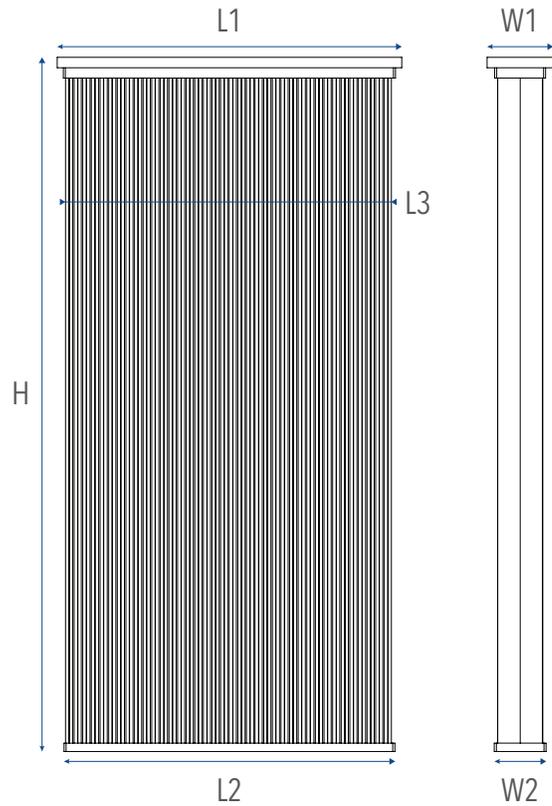


Panel Filters

Model

TF

- Equivalent of TRUMPF Machine Filters.
- Side bars protects the filter media during installation.
- Thanks to flat construction cost of transportation and storage is low



Model

ND

- Equivalent of filters used in Nederman Units.
- Galvanized steel end caps
- Leak-Proof Gaskets
- Thanks to flat construction cost of transportation and storage is low



Model

DN

- Equivalent of filters used in Nederman Units.
- Side bars protects the filter media during installation.
- Thanks to flat construction cost of transportation and storage is low



Filter Type	Outer Flange Dim.(mm)	Inner Flange Dim. (mm)	Length (mm)	Filter Area (m ²)
TF	576 x 74 mm	556 x 54 mm	1.050 mm	5 m ²
ND	N/A	N/A	N/A	N/A
DN	500 x 96 mm	480 x 74 mm	1.000 mm	5 m ²

Wide Range of Media Options

HTM Filter Technologies is providing wide range of filter media options to its customers. Our media options includes %100 Polyester, %80-20 nanofiber coated Blend Media, ePTFE Membran coated media, Carbon impregnated or aluminized antistatic media and many others . HTM Filter Technologies will help you find the best suit filter media for your specific applications.

Dust type is the most important thing when it comes to filter media selection. One of the most important rules of dust extraction and filtration is to collecting different dust characteristics seperately. This principle is very important because each characteristics may require different filter media. Filter media selection is the first filter selection criteria and the most important one. Besides of media selection deciding right flange material, using high quality and right glue type, deciding right flange type and sealing decision are the other filter selection criteria.

Wrong filter selection damages companies a lot. Companies may even lose money from the job they take because of wrong filter selection. For this reason, working with the professionals partners who are expert in dust filtration is upmost important. **HTM Filter Technologies** always help their customers in their filter selection phase and guide them to select right filters.

Media	Fibre Composition	Feature	Weight	Filtration Class
PolyMight	%100 Spunbond Polyester	Plain Polyester	260 g/m ²	M
PolyMight HO	%100 Spunbond Polyester	Oleo and Hydro Phobic	260 g/m ²	M
PolyMight ALU	%100 Spunbond Polyester	Antistatic - Aluminized (ALU)	260 g/m ²	M
PolyMight AS	%100 Spunbond Polyester	Antistatic - Carbon Imp.	260 g/m ²	M
PolyMight PTFE 55	%100 Spunbond Polyester	ePTFE Membran	270 g/m ²	M/E11
PolyMight PTFE 65	%100 Spunbond Polyester	ePTFE Membran	270 g/m ²	H13/H14
PolyMight ALU PTFE	%100 Spunbond Polyester	ALU + ePTFE Membran	270 g/m ²	M/E11
PolyMight C PTFE	%100 Spunbond Polyester	Carbon Imp. + ePTFE Membran	260 g/m ²	H13
NanoBlend FR	%80 Selüloz %20 Polyester	Nanofiber Coated- Flame Ret.	122 g/m ²	F9
NanoSent FR	%100 Spunbond Polyester	Nanofiber Coated- FlameRet.	140 g/m ²	E10
NanoSent 180	%100 Spunbond Polyester	Nanofiber Coated	180 g/m ²	E10
NanoHi-Sent	%100 Spunbond Polyester	Nanofiber Coated	250 g/m ²	E11/E12
PP	Polypropylene	High Acid Ressistant	N/A	N/A
PPS	Polyphrnylene Sulfide	High Temp. Ressistant	N/A	N/A
Meta-Aramyd	Meta Aramyd	High Temp. Ressitant	N/A	N/A



Contact Us

HTM Filter Technologies, providing all the technical support you need in dust filtration. **HTM Filter Technologies** always follow the technological advantages in Dust Filtration market and always testing different type of materials so that it can serve you better and better.

You can always ask for support while preparing and determining your technical specification. **HTM Filter Technologies** serving this service **free of charge**.



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HTMfiltre

Accessories

HTM Filter Technologies, is aiming to serve Dust Collector Manufacturer in all aspects. In this context, we dedicated us to serve the best quality and service to our customer with the best prices. In Accessories supplying, HTM Filter Technologies will assist you technically and combining technical knowledge with field experience, we are providing the most efficient solutions to our customers.



T-Type Pulse Valve

- Using in Pulse-Jet Dust Collectors.
- Aluminium cast body and high quality diaphragm provides better life time.



Straight Pulse Valve

- Using in Pulse-Jet Dust Collectors.
- Their patented design provide better cleaning efficiency.
- They have longer life time.



Bulk-head Kit

- In some cases, you need to dismount blow pipe and pulse valve to replace filters. Bulk-head kit lets you dismount only blow pipe by holding pulse valve without blow pipe.



Pulse Valve Control Panel

- There are 2 models; Timer and Differential Pressure. (dP)
- This equipment control pulse valves to clean filters in a sequence.



Air Tank

- Compressed air storage which is need to be stored in between 2 pulses.
- Produced in pressured cup method.



EX-PROOF Equipments

- These equipments need to be used when explosive dusts are collecting.
- Remote Pilot Boxes, Explosion Vent etc. are some of these equipments.