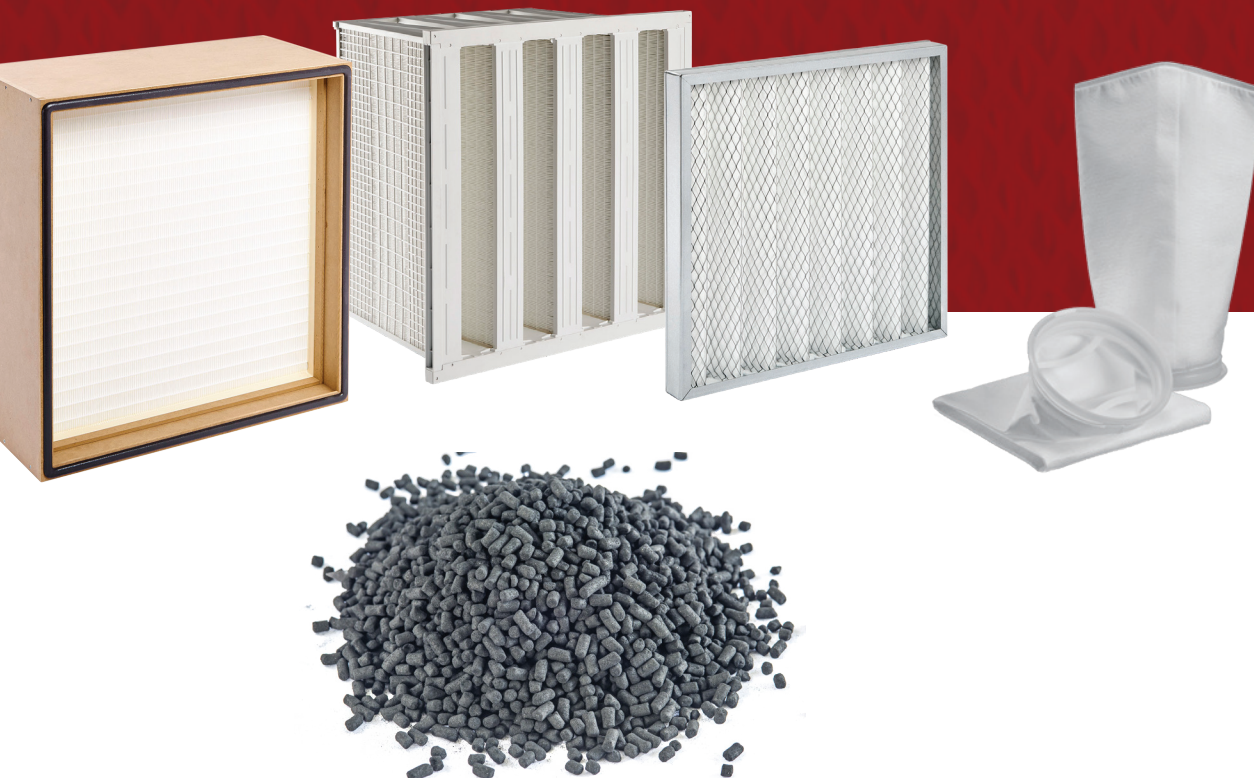


KATALOG PRODUKTOV
PRODUCT CATALOGUE

Filter mediji
Pred filtri
Absolutni filtri
Filtracija tekočin
Aktivno oglje
Filter oprema

Roll filters
Pre filters
Absolute filters
Liquid filtration
Activated carbon
Filtration equipment





DELTA FILTER

AIR & LIQUID FILTRATION

O PODJETJU

Delta Filter je mlado hitro rastoče podjetje s sedežem v Slovenskih Konjicah, katero nudi filtre za filtracijo zraka in tekočin, ter ostale artikle, ki spadajo pod segment „Filtracija“. Kljub svoji mladosti se podjetje lahko pohvali z več letnimi izkušnjami njenih lastnikov na področju filtracije zraka in tekočin, predvsem v segmentu uporabe filter elementov v farmacevtski in prehrabni industriji.

Naše podjetje želi prispevati k blažitvi ekoloških vplivov, kateri so posledica človeka, zato s pomočjo naših partnerjev nudimo kakovostne artikle pod poštenimi pogoji in z zanesljivimi dobavami.

Naši filtri in filter elementi se uporabljajo v clean room prostorih, bolnišnicah, laboratorijih, energijskih proizvodnjah, HVAC sistemih v industrijskih območjih in ostalih čistilnih procesih.

Z našimi artikli smo prisotni na domačem trgu, kakor tudi ostalih državah Evropske unije. Svojo prisotnost želimo širiti na vseh trgih Evropskega kontinenta, ter se držati načela „naredimo čistejši svet za boljši jutri“.

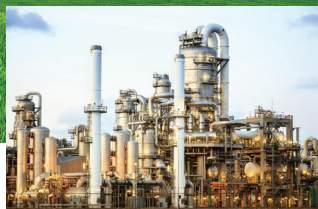
ABOUT US

Delta Filter is a young fast growing company in Slovenske Konjice that offers filters for air and liquid filtration, as well as other »Filtration« related products. Despite our short time on the market we can show a lot of personal experience in the filtration segment, especially where the application is in the food & beverage or pharmaceutical industry.

Our company wants to participate in the decrease of ecological impact created by our mankind. With the help of our partners we are providing quality filter products under fair terms and reliable deliveries.

Our filters and filter elements are used in clean rooms, hospitals, laboratories, power plants, HVAC systems in many industrial areas and in other purification processes.

Delta Filters products are present in the domestic market and other European countries. Our aim is to increase our current shares in the European market and to stick to our principle to »make our world cleaner for a better tomorrow«.



Primerni filtri morajo biti uporabljeni v ventilacijskih sistemih in ostalih enotah za ločitev neželenih delcev in praha iz zraka. Večslojna postavitev filtrov od vhoda ventilacijskega sistema znižuje vsebnost bakterij in virusov v dovodu zraka. Vsi filtri so proizvedeni po standardu in ob pravilni montaži ne omogočajo nobenega puščanja. Sistem postopnega filtriranja, od pred filtracije do ultra filtracije, se uporablja glede na želeno kakovost zraka, ki ga želimo doseči.

Naši filtri se uporabljajo v naslednjih industrijskih segmentih:

- Farmacevtska industrija
- Bolnišnice in zdravstveni domovi
- Prehrambna industrija
- Kemijska industrija
- Kozmetična industrija
- Lakirnice
- Rafinerije
- Komercialni in proizvodnji prostori
- Druge predelovalne industrije

Naši vodilni produkti:

- Filter mediji: G2-G3-G4 razred (EN 779)
- Kasetni filtri: G3-G4 razred (EN 779)
- Vrečasti filtri: G4-F5-F6-F7-F8-F9 razred (EN 779)
- Kompaktni filtri: F6-F7-F8-F9 razred (EN 779)
- HEPA filtri: H10-H11-H13-H14-U15 razred (EN 1822)
- GAF filter vreče: 1, 5, 10, 25, 50, 75, 100, 200,... mikron (μ)
- Filter slojnice: Po specifikaciji...
- Aktivno oglje: Prah, granulati, cilindrični,...

Appropriate filters should be used in order to capture the particles, powder, dust etc. in the air in air conditioning plants and ventilating systems, perform the necessary segregations in the ventilator inlets and decrease the viruses and bacteria in the supply air. All the filters must be manufactured not to allow even the smallest leakage. Gradual filtration system, from prefiltering to ultra filtering, is used depending on the desired air quality that wants to be reached.

Our filters are being used in the following industrial segments:

- Pharmaceutical industry
- Hospitals
- Food and beverage industry
- Chemical industry
- Cosmetic industry
- Paint shops
- Refineries
- Commercial and production facilities
- Other manufacturing industries

Our main products:

- Filter media: G2-G3-G4 class (EN 779)
- Cassette or panel filters: G3-G4 class (EN 779)
- Bag filters: G4-F5-F6-F7-F8-F9 class (EN 779)
- Compact filters: F6-F7-F8-F9 class (EN 779)
- HEPA filters: H10-H11-H13-H14-U15 class (EN 1822)
- GAF filter bags: 1, 5, 10, 25, 50, 75, 100, 200,... micron (μ)
- Filter sheets: As per specification...
- Activated carbon: Powder, granular, cylindrical,...

Group	Designation	European Filter Class	MERV Rating	Recommended Final Pressure Drop (Pa)	Average Arrestance (A_m) of Synthetic dust (%)	Average Efficiency (E_m) of 0,4 μ Particles (%)	Minimum Efficiency for 0,4 μ Particles (%)	NEW STANDARD ISO 16890			
								EN 779-2012	ASHRAE 52.2	ISO ePM1	ISO ePM2,5
COARSE	G	G1	MERV 1	250	$50 \leq A_m < 65$	-	-	-	-	-	-
		G2	MERV 2-4	250	$65 \leq A_m < 80$	-	-	-	-	-	-
		G3	MERV 5-6	250	$80 \leq A_m < 90$	-	-	-	-	-	>80 %
		G4	MERV 7-8	250	$90 \leq A_m$	-	-	-	-	-	>90 %
MEDIUM	M	M5	MERV 9-10	450	-	$40 \leq E_m < 60$	-	-	-	>50 %	-
		M6	MERV 11-12	450	-	$60 \leq E_m < 80$	-	-	50-65 %	>60 %	-
FINE	F	F7	MERV 13	450	-	$80 \leq E_m < 90$	35	50-65 %	65-80 %	>85 %	-
		F8	MERV 14	450	-	$90 \leq E_m < 95$	55	65-80 %	>80 %	>90 %	-
		F9	MERV 15	450	-	$95 \leq E_m$	70	>80 %	>95 %	>95 %	-

Group		EN 1822			Integral Value of Efficiency in the MPPS in %	Integral Value of Penetration in the MPPS in %	Local Value of Efficiency in the MPPS in %	Local Value of Penetration in the MPPS in %	Local Value of Efficiency in the MPPS in %
E11	NA	600	≥ 95	≥ 5	-	-	-		
E12	NA	600	≥ 99.5	≥ 0.5	-	-	-		
H	H13	NA	600	≥ 99.95	≥ 0.05	≥ 99.75	≥ 0.25	≥ 99.75	
	H14	NA	600	≥ 99.995	≥ 0.005	≥ 99.975	≥ 0.025	≥ 99.975	
U	U15	NA	600	≥ 99.9995	≥ 0.0005	≥ 99.9975	≥ 0.0025	≥ 99.9975	
	U16	NA	600	≥ 99.99995	≥ 0.00005	≥ 99.99975	≥ 0.00025	≥ 99.99975	
	U17	NA	600	≥ 99.999995	≥ 0.000005	≥ 99.99999	≥ 0.0001	≥ 99.99999	

FILTER MEDIJI / FILTER MEDIA

Poliestrski filter material razreda G2 – G3 – G4 po EN 779 standardu, kot tudi role iz steklenih vlaken razreda G2 – G3 – G4 po EN 779 standardu, bolj znane pod imenom »Paint stop rolls«. Uporaba filter materila služi kot groba pred filtracija v napravah za nadzor kakovosti zraka in lakirnicah za zbiranje barve.

Polyester filter media with efficiency G2 – G3 – G4 according to EN 779 and G2 – G3 – G4 efficiency for glass fiber rolls, known also as paint stop rolls.

Used for fine filtration in air handling units and plants as well as paint spray plants for industrial surface treatment.



- EFFICIENCY G2 - G3 - G4
- THICKNESS 10-15-20-22 mm
- TEMPERATURE 80 °C



- EFFICIENCY G3 - G4
- THICKNESS 25 - 50 - 75 - 100 mm
- TEMPERATURE 100 °C

KASETNI FILTRI / PANEL FILTERS

Kasetni filter v razredu G3 ali G4, glede na EN 779 v kartonski, pocinkani pločevini ali plastiki kot možni izvedbi okvirja. Z namenom pred filtracije zraka v ventilacijskih sistemih in prezračevalnih sistemih, še posebej kjer so v zraku suhi trdi delci.

Filter class with efficiency G3 – G4 according to EN 779 held by a cardboard, galvanized steel or plastic frame.

Used as preliminary filtration for general ventilation and air conditioning plants, especially for particular dry dust, very large absorption capacity.



- EFFICIENCY G3 - G4
- FRAME CARDBOARD / PLASTIC / METAL
- SYNTHETIC OR METAL KNITMESH MEDIA

VREČASTI FILTRI / PREBAG FILTERS

Sintetični filter material razreda G4 – M5 – M6 – F7 – F8 – F9 glede na EN 779 in možni izvedbi s kovinskim ali plastičnim okvirjem. Služi kot pred filter v visoko zmogljivih prezračevalnih sistemih za nadzor kakovosti ozračja v bolnišnicah, farmacevtskih podjetjih, kemični industriji in elektro proizvodni industriji.

Synthetic fiber media with efficiency G4 – M5 – M6 – F7 – F8 – F9 is used in accordance with EN 779. Manufactured with plastic or galvanized steel frame. Used for fine filtration as a prefilter before high efficiency filtration systems in air handling units and plants such as air conditioning systems in hospitals, pharmaceutical plants, chemical industry and electronic industry.



- EFFICIENCY:
G4 – M5 – M6 – F7 – F8 – F9
- FRAME PLASTIC OR METAL
- SYNTHETIC MEDIA

HEPA FILTRI / HEPA FILTERS

Dva možna tipa filter razredov F7 – F8 – F9 pod EN 779 standardom in H11 - H13 - H14 – U15 – U16 z učinkovitostjo do 99,95% glede na EN 1822.

Izvedba artikla je možna v lesenem MDF okvirju, kakor tudi v kovinskem okvirju s pocinkano pločevino ali aluminijem.

Na razpolago je izvedba z različnimi tesnili, kot je polkrožna poliuretanska pena, EPDM in gel.

Namen teh filtrov je primarno za ventilacijo in nadzor kvalitete zraka v bolnišnicah, farmacevtskih podjetjih, laboratorijih, »clean room« prostorih in prehrabni industriji.

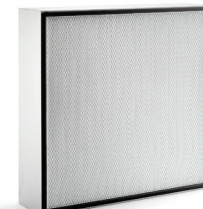
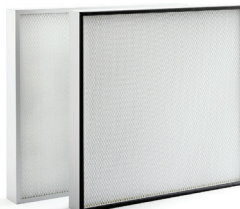
Two possible efficiency types, glass fiber media F7 – F8 – F9 in accordance with EN 779 and H11 - H13 - H14 – U15 – U16 efficiency up to 99,95 according to EN 1822.

Manufactured with MDF, galvanized steel or aluminum frame. Different types of gaskets are applied on the filter such as half round polyurethane, EPDM and gel gasket.

Used for ventilation and air conditioning in pharmaceutical industries and atmosphere control in hospitals, laboratories, clean rooms and food processing plants.



- EFFICIENCY F7 – F8 – F9 – H11 – H13- H14 – U15 – U16
- FRAME MDF / METAL / ALUMINIUM
- GLASS FIBER MEDIA
- UP TO 120°C AND 250°C (ALU SEPARATOR) HT SERIES
- OPTIONAL GROUNDING FLAG (ATEX)
- OPTIONAL ALUMINIUM SEPARATOR
- OPTIONAL DOUBLE SIDED PROTECTION GRID AND GASKET



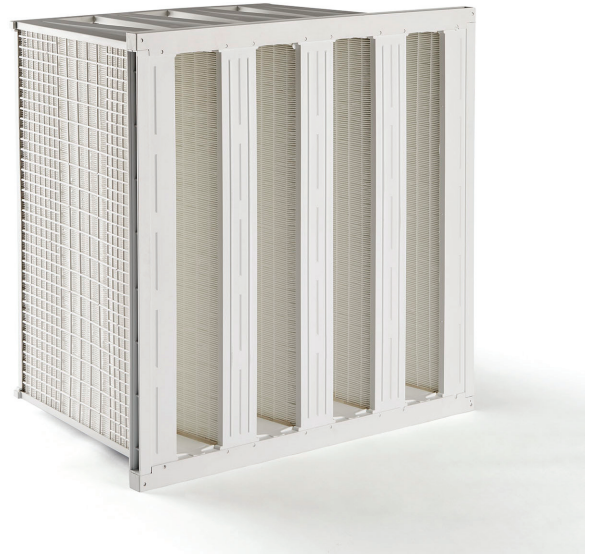
- EFFICIENCY F7 – F8 – F9 – H11 – H13- H14 – U15 – U16
- FRAME MDF / METAL / ALUMINIUM
- GLASS FIBER MEDIA
- UP TO 120°C AND 250°C (ALU SEPARATOR) HT SERIES
- OPTIONAL GROUNDING FLAG (ATEX)
- OPTIONAL ALUMINIUM SEPARATOR
- OPTIONAL DOUBLE SIDED PROTECTION GRID AND GASKET

KOMPAKтни FILTRI / COMPACT FILTERS

Filter material iz steklenih vlaken v razredu M6 – F7 – F8 – F9 pod EN 779 standardu. Artikel omogoča visoki pretok zraka in dolgo življenjsko dobo. Uporaba za fino filtracijo pri visoko zmogljivih prezračevalnih sistemih za nadzor kakovosti zraka v bolnišnicah, farmacevtskih podjetjih, kemični industriji, elektro proizvodni industriji in proizvodnjah s plinskimi turbinami.

Glass fiber media with efficiency M6 – F7 – F8 – F9 is used in under the EN 779 standard.

Intended for high air flow rates and long durability. Used for fine filtration for high efficiency filtration systems in air handling units and plants such as air conditioning systems in hospitals, pharmaceutical plants, chemical industry, electronic industry and gas turbine power plants.



- EFFICIENCY M6 – F7 – F8 – F9
- FRAME PLASTIC OR METAL
- GLASS FIBER MEDIA
- 80 °C OR 120 °C HT SERIES
- OPTIONAL PROTECTION GRID AND GASKET

VISOKO ZMOGLJIVI HEPA FILTRI / HIGH CAPACITY HEPA FILTERS

Učinkovitost do 99,95% glede na standard EN1822 (H11 – H13- H14 – U15 in U16). Velika površina filtra do 40 m², kar prinaša dolgo življenjsko dobo in nižje stroške vzdrževanja. Na izbiro so izvedbe v lesenem MDF okvirju ali pocinkani pločevini. Visoko zmogljivi filtri so namenjeni predvsem bolnišnicam ter kemični in prehrabnen industriji.

Efficiency up to 99,95% according to EN1822 (H11 – H13- H14 – U15 and U16). Large filter surface area up to 40 m², which results in a long service life and less maintenance costs. MDF frame or galvanized steel frame are options to choose from.

The high capacity absolute filter replaces the traditional aluminum separator filters, which are used as a final filter in hospitals, chemical and food industries.



- EFFICIENCY H11 – H13- H14 – U15 – U16
- FRAME MDF OR METAL
- GLASS FIBER MEDIA
- HIGH CAPACITY AIR FLOW
- LOW PRESSURE DROP
- LONG SERVICE LIFE

GAF FILTER VREČE / GAF FILTER BAGS

GAF filter vreče se uporabljajo pri filtraciji tekočin za ločevanje in nalaganje nečistoč na notranje površine vreče. Standardne industrijske dimenzije so lahko dobavljive, kakor tudi ne standardne dimenzije po naročilu stranke ali načrta. Industrije, kot je kemična, farmacevtska, kozmetična in prehrabna, so te katere najpogosteje uporabljajo GAF filter vreče za proizvodnjo rastlinskega olja, vina, sadnih sokov, barv, lepil, voska, topil, parfumov, itd.

GAF filter bags are used in liquid filtration for stopping and loading of impurities on the inside of the bag. Standard industrial dimensions are easily available, as well as non-standard dimension per customers request or drawing. Industries, such as the chemical, pharmaceutical, cosmetic, food and beverage industry, are the ones that use GAF filter bags the most for processing vegetable oil, wine, fruit juice, paint, glue, wax, solvents, perfumes, etc.

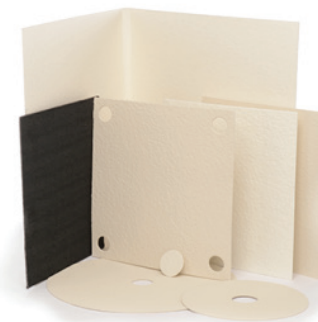


- RANGE OF FILTER MEDIAS: PES, PP, NYLON, NOMEK, PTFW, COTTON
- WIDE MICRON RETENTION RATINGS FROM 1 TO 2000 MICRON
- LOW PRESSURE DROP AND FLOW RATE UP TO 800 L/MIN
- STANDARD DIMENSIONS Ø180x810 MM AND Ø180x450 MM
- OPTIONAL FOOD GRADE FILTER MEDIA
- OPTIONAL O-RING IN STAINLESS STEEL, GALVANIZED STEEL AND PLASTIC

FILTER SLOJNICE / FILTER SHEETS

Uporaba filter slojnic se najpogosteje vrši v tlačnih prostorih za filtriranje v kemični in prehrabni industriji. Zahtevna homogena in kontrolirana razporeditev por, kakor tudi njene velikosti, nam omogoča doseganje indeksa najvišje možne učinkovitosti in rezultatov.

Filter sheets are mainly used in filter press machines in food and chemical industry. The homogeneous and controlled pore distribution, as well as size, causes its exhaustion index to be at the most efficient levels possible and offer excellent results.



- ALL POSSIBLE DIMENSIONS AND HOLE POSITIONS ON REQUEST
- THICKNESS AND SURFACE TEXTURE MADE WITH WET-LAID FIBER DISTRIBUTION
- HIGHLY ACTIVE FILTRATION SURFACE AREA
- CONTROLLED PORE SIZE AND DISTRIBUTION NETWORK

SVEČNI FILTRI / FILTER CARTRIDGES

Eden najbolj prepoznavnih izdelkov v segmentu filtracije tekočin – Svečni filtri. Produkt je možen v različnih verzijah, glede na tip materiala, dimenzij in izvedbe. Dva najbolj pogosta tipa izvedbe sta v »gladkem« ali »grobem« navojnem stilu.

One of the most known products in the liquid filtration are filter cartridges. The product is available in different types of filter media, dimensions, as well as designs. Two most frequent are the melt blown type and string wound type.



- POSSIBLE FILTER MEDIAS: PP, COTTON, GLASS FIBER, VISCOSE
- LARGE RANGE OF SIZE AND MICRON
- COST EFFECTIVE PARTICULATE FILTRATION
- TEMPERATURE RESISTANT FROM 65 °C TO 400 °C
- OPTIONAL SPECIAL END-CAPS

AKTIVNO OGLJE IN FILTRI Z AKTIVNIM OGLJEM / ACTIVATED CARBON AND ACTIVATED CARBON FILTERS

KOMPAKTNI FILTRI Z AKTIVNIM OGLJEM / COMPACT FILTERS WITH ACTIVATED CARBON

Filter z aktivnim ogljem je namenjen filtraciji jedkih plinov in vonja dovodnega in odvodnega zraka preko ventilacijskih napravah. Najbolj primerni so kjer je potreben filter razred F7, da se ne izgubi učinkovitost aktivnega oglja.

Mentioned to filter corrosive gases and odours for supply and exhaust air in domestic air-conditioning applications. Suitable use where F7 preliminary filtration is necessary to protect the activated carbon.



- RELATIVE HUMIDTY 70%
- PLASTIC FRAME
- CARBON PLEATED HIGH SURFACE AREA
- TEMPERATURE 50 °C
- EASY TO INSTAL

OGLJENE PATRONE / ACTIVATED CARBON CARTRIDGES

Artikel je najpogosteje uporabljen v podjetjih kjer je potrebna ventilacija zraka za odstranitev neprijetnih vonjav. Filter cilindrične oblike je napolnjen z granulami aktivnega oglja in s tremi vijaki na glavi filtra nameščen v poseben držalni okvir (Stran 8).

Most frequently used in air conditioning plants for removal of smells and odours. The cylinder is filled with activated carbon granulate and mounted with a three screw head to a metal holding plate (Page 8).



- EFFICIENCY UP TO CTC 80%
- RELATIVE HUMIDTY 70%
- RE-FILLABLE CARTRIDGES
- TEMPERATURE 50 °C
- LOWER PRESSURE DROP AT HIGH PERFORMANCE

AKTIVNO OGLJE / ACTIVATED CARBON

Najpogostejša oblika uporabe v prašnem, cilindričnem ali granularnem stanju za namene kot je absorpcija neželenih plinov, purifikacija in separacija elementov.

Aktivno oglje je na voljo z visoko stopnjo aktivnosti in prostornino, kar omogoča našemu oglju visoko absorpcijo. Uporaba artikla pri nadzoru neprijetnih vonjav in v številnih drugih industrijah kjer potekajo ločevalni in čistilni procesi, kakor tudi razbarvanje. Industrije s pogostimi potrebami po aktivnem oglju so: Prehrabna industrija, kemična industrija in farmacevtska industrija.

Mainly used in a powdered, cylindric or granulated for different purposes such as gas air treatment, water treatment or separation with absorptive properties.

Activated carbons are available with high activity and high working capacity which makes our carbon an excellent absorbent. Application in odour control and many other industrial purification and separation processes, as well as for decolorization. Mostly used in food and beverage industry, chemical industry and pharmaceutical industry.



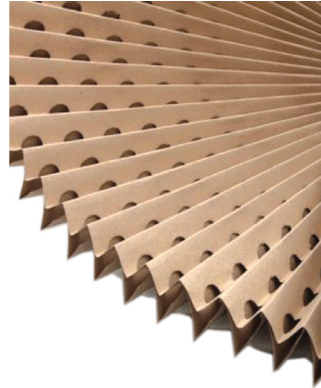
- EFFICIENCY UP TO CTC 80%
- CYLINDRIC ACTIVATED CARBON SIZE 3 - 5 MM
- POWDERED ACTIVATED CARBON AS REQUESTED PER TDS
- PURIFICATION OF GLUCOSE, FRUCTOSE, MALTOSE, ACIDS
- CHLOROPHYLL REMOVAL
- PACKED IN 20 OR 25 KILO PAPER OR PLASTIC BAGS
- OPTIONAL PACKING IN BIG BAGS

KARTONSKI FILTRI ZA LAKIRNICE / CARDBOARD PAINT SPRAY FILTERS

Steklene »Paint stop« role in kartonske filter plošče se uporabljajo za ločevanje barvnih kapljic in dima v lakirnicah in lakirnih kabinah.

Kartonske filter plošče so sestavljene iz dveh slojev trdega naluknjane in nagubane papirja za lažje zbiranje barve. Najpogostejša uporaba v kovinski industriji, pohištveni industriji, plastični industriji ter avtomobilski industriji.

Glass fiber paint stop rolls and cardboard paint spray filters are used to separate ink mist paint shops and color spraying cabins. Cardboard paint spray filters have two layers of heavy »kraft« paper, punched, pleated and glued together for easier collection of paint. Most frequently used in metal industry, furniture industry, plastic industry and automotive industry.



- HIGH SURFACE AREA AT 10 M²
- UP TO 350 PLEATS PER UNIT
- AVAILABLE HEIGHTS 75 - 90 - 100 CM
- EASILY DISPOSIBLE

FILTER DRŽALA IN OHIŠJA / FILTER HOLDING FRAMES AND HOUSINGS

Držali okvirij in ohišja za pred filtre in filter patrone. Okvirji so narejeni iz pocinkane pločevine in se uporabljajo za montažo kasetnih filtrov, filter vreč, kompaktnih filtrov in filter patron.

Filter holding frames and housings for prefilters and cartridge filters. The frames and housings are made out of galvanized steel and used to mount panel, bag and compact filters in place.



- METAL FRAME
- USED TO MOUNT FILTERS
- FILTER FIX WITH 4 CLAMPS
- OPTIONAL WITH GASKET

BIG BAG VREČE IN IBC KONTEJNERJI / BIG BAGS AND IBC CONTAINERS

Big bag vreče in IBC kontejnerji so pogosto tesno povezani s postopki filtracije, zaradi česar nudimo tudi določeno opremo za sklenitev celotnega kroga iz segmenta filtracije. Na razpolago so big bag vreče in IBC kontejnerji v vseh standardnih dimenzijah, izvedbenih tipih in s potrebnimi certifikati.

Big bags and IBC containers are often close related to filtering procedures and so we can provide also equipment for a complete filtering circle. Big bags and IBC's in all standard dimensions, types and certificates.



- STANDARD DIMENSIONS
- BIG BAG TYPE A, B, C AND D
- OPTIONAL BIG BAGS WITH COATED MATERIAL
- OPTIONAL BIG BAGS OPENING AT THE BOTTOM AND TOP
- IBC CONTAINERS TYPE UN, ATEX, FOOD CERTIFICATED



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