

Kind of material

PTFE as a woven fabric and/or as a needlefelt material
Expanded PTFE abbreviated ePTFE

plasma nano-coatings
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C6 fluorinated polymers
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fabric that is coated with C6

(C6-) perfluorinated polymers

C6 chemistry
C6 chemistry

plasma nano coatings
plasma nano coatings
plasma nano coatings

fluoropolymer

C6 fluorotelomer chemistry
of C6 fluorotelomer chemistry
of C6 fluorotelomer chemistry

c6-fuloropolymes
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teleomeric fluorinated side chain polymers covalently bound t

C6 fluorotelomer chemistry
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membranes: #3151

search terms: filt, memb

Application

high performance, corrosion resistant gas filter membranes
water filter membranes
membranes for medical textiles

membranes intended for medical textiles (2023)
membranes intended for filtration in water treatment (2023)
membranes intended for production processes
membranes intended for effluent treatment

For filtration and separation media used in high performance air and liquid applications that require a com technical textiles for oil and gas filtration, e.g. filters for wasted air/incineration plants

Various filtration applications involving aggressive chemical environments. The filters can be used in liquid Used as a film or membrane on a growing number of filters across every industry including food and packa

nonwoven media filters for air and liquid filtration applications
medical and electronic devices
nonwoven media
mouth masks or HVAC for hospitals and cleanrooms
industrial applications oil repellent nano-coatings

Mentioned are the following Filtration and separation media:

medical devices, PPE, HVAC (including EPA/HEPA/ULPA), Air Pollution Controls (APC), dust colle
Medical devices and PPE (masks)
Medical devices and PPE (surgical masks)
HVAC
EPA (Efficiency Particulate Air filters)/HEPA (High-Efficiency Particulate Air filters)/ULPA (Ultra-L
Air pollution control (APC) and dust collection filter media
Hydraulic Filter Media
Coalescers
Gas turbine
Nuclear Industry
Fuel filtration and fuel-water separation
Automotive Paint Applications

non-implantable medical devices: extracorporeal therapy components (e.g. bloodlines, membranes)

reinforcement for roofing membranes

liquid filtration in food, beverage and pharmaceutical industry
treated high-temperature gas filters in industrial waste incineration

2-4 Filtration – industrial filters against fuel, chemicals, coal, nuclear, water, automotive paint etc

Filtration: medical device filters, energy efficient HVAC filters, automotive fuel and oil filters, swimming po
high-performance filtration and separation media applications
Air Pollution Controls (APC)
dust collectors
hydraulic systems

fuel systems

air and liquid filtration applications for essential functionalities to medical devices
air and liquid filtration applications for essential functionalities to electronic devices
air and liquid filtration applications for essential functionalities to technical textiles.

automotive fuel and oil filters
swimming pool filters
energy efficient HVAC filters

fluoropolymer-based ion exchange membranes in the production of green hydrogen
related to safety and reliability (e.g. use of nonwoven filters in medical equipment, electronics).

Respiratory equipment
Defence applications for personal protection (chemical, biological, radiological or nuclear (CBRN))
Cabin air filtration in mobile machinery and professional vehicles (HEPA filters /ULPA filters)

Air intake filtration of gas turbines
Filter systems for air pollution control in various industrial processes to ensure emission levels well below t
Air intake filtration for industrial processes (e.g. painting lines for cars and other surface treatment applica
Air intake filtration for agricultural applications to ensure healthy livestock rearing protecting the animals
Indoor air purification (incl. reduction of virus load) for hospitals, offices, work areas, public & residential b
Supply air for clean rooms in pharmaceutical, microelectronics and other high purity applications.
Intake filtration for marine equipment like e.g. ships, fixed or floating platforms (FSOP's).

venting applications in automotive and transportaion field
sterile venting by membranes in biological and medical analytics and diagnostics as well as of
Packaging solutions with oleophobic membranes in container closures
Industrial and consumer good applications often require membrane venting to protect electron

technical textile applications, e.g. textile filters in chimneys of industrial facilities

High efficiency air filters for HVAC industry

Gas turbines
Industrial dust removal (i.e. food, polymers, pigments, chemicals, metals and minerals)
HVAC
Home and professional vacuum cleaners
Medical applications
Fuel filtration
Cabin air Filtration
filter for power generation in gas turbines
filters for removal of harmful substances in industrial processes
professional vacuum cleaners

Healthcare including hospital isolation stations as well as operation theaters
Cleanrooms in life science, food & beverage as well as microelectronics & optics
Nuclear power plants
Biosafety laboratories
Gas turbine applications
Industrial dust control

General ventilation of commercial & public buildings

Protection of cultural heritage in museums, libraries and galleries

Transportation incl. railway, airplanes, cruise ships and automotive industry

specific Color Filter Materials in semiconductor industry

Sources

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