

Filtration solutions

Product overview



customized solutions

performance materials + engineered products



PROFILTRA

Technical product overview Filtration Solutions

HOUSINGS & HARDWARE

Product	Description	Key features	Manufacturer	Brand	Applications
Filter cartridges & membranes	Wide range of filter types including pleated membranes and depth filters	High efficiency, various media types	Allfil, Veolia, WTS, Parker, Spectrum	Hypure, Purtrex, Memtrex, Glasstech, DK membranes and several others	Water Treatment (Bio)pharma (Petro) chemicals (Bio)refineries Beverage & Food Inks
Filter bag housing, filter cartridge housing	Designed for liquid applications	Durable, safe, customizable designs	Allfil & Spectrum	Allfil & Spectrum	Water Treatment (Bio)pharma (Renewable)Energy Inks (Petro) chemicals (Bio)refineries Plastics Beverage & Food Paints Waste & Recycling
Filter bags	Designed for liquid applications	High efficiency, various media types	Allfil & Spectrum	Allfil & Spectrum	Water Treatment (Bio)pharma (Renewable)Energy Inks (Petro) chemicals (Bio)refineries Plastics Beverage & Food Paints Waste & Recycling

MINERALS

Product	Description	Key features	Manufacturer	Brand	Applications
Diatomaceous earth (DE)	A lightweight, absorbent and customizable fine-powder inorganic silicate in particle sizes from 10-200µm.	Lightweight, absorbent, customizable (10-200µm)	Imerys	Celpure and AW Celite NF, Celite Cynergy, food grades/ conventional DE many types and degree of fineness	Water Treatment (Bio)pharma (Renewable)Energy Inks (Petro) chemicals (Bio)refineries Plastics Beverage & Food Paints Waste & Recycling
Perlite	A light and porous volcanic glass – can maximize flow rates by preventing clogging and bridging between DE particles; it's also used as a pre-coat to keep the filter cake stable.	Porous, prevents clogging, stabilizes filter cake	Imerys	Harborlite and many types and degree of fineness	Water Treatment (Bio)pharma (Renewable)Energy Inks (Petro) chemicals (Bio)refineries Plastics Beverage & Food Paints Waste & Recycling
Bleaching earth	Bleaching earth is a fossil kaolin clay, whose structure is very porous. This product is therefore able to absorb all kinds of substances, such as oil, insecticide and hydrocarbons.	Absorbs oils, insecticides, hydrocarbons	MTI	Rafinol	Water Treatment (Bio)pharma (Renewable)Energy Inks (Petro) chemicals (Bio)refineries Plastics Beverage & Food Paints Waste & Recycling
Activated carbon	A highly porous material – excels in adsorbing dissolved substances to decolorize, purify, and remove molecular-scale impurities affecting odor and taste; it also extends filter life with up to 1,500 square meters of surface area per gram for high processing volumes.	Removal color, high surface area	Silcarbon Aktivkohle GmbH	Silcarbon	Water Treatment (Bio)pharma (Renewable)Energy Inks (Petro) chemicals (Bio)refineries Plastics Beverage & Food Paints Waste & Recycling
Cellulose fibers	Made of wood pulp with a fibrous structure. This characteristic ensures a stable filter cake that holds very little water. Not toxic, biodegradable and very resistant to various acid levels and temperatures.	Stable, low water retention, biodegradable, acid- & heat-resistant	CFF	Diacel, CFF	Water Treatment (Bio)pharma (Renewable)Energy Inks (Petro) chemicals (Bio)refineries Plastics Beverage & Food Paints Waste & Recycling