

ENG

Sectoral Filtration

*Pure filtration
for the
chemical industry*

DORSAN[®]

LIVING FILTRATION



Chemical industry



- Many porosity levels to choose from
- High level of chemical compatibility
- Produced without glue or resins
- High retention capacity
- Highly economic filtration

Liquid Filter Bags

Manufactured with 100% polypropylene, polyester or nylon monofilament synthetic fibres.

The liquid filtration process with filter bags works as a depth filter, and is highly recommended to filter liquids with a large number of solid or gelatinous particles.

Applications: Food & Drink, Chemical-Pharmaceutical, Cosmetics, Galvanic Industry, Wastewater treatment...

Filter Papers

Smooth surface paper (from 60 to 650 grs/m²) or crêpe paper (from 60 to 180 grs/m²).

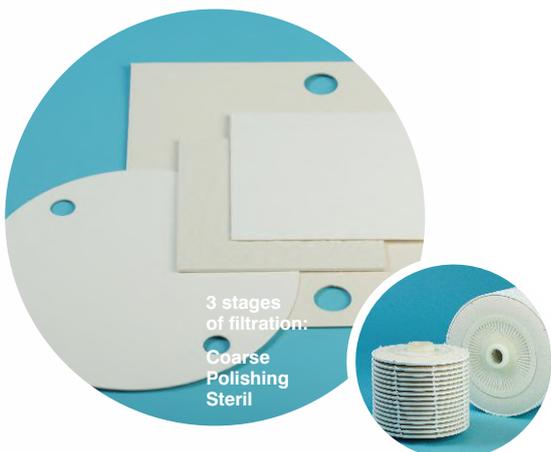
Available in a wide variety of formats, either discs or sheets. We are able to meet the most common filtration needs using filter paper. We have filter paper available, which is especially resistant in a wet state, which comes with various thicknesses to maximise the length of filtration cycles.

Applications: Food & Drink, Chemical – Pharmaceutical, Cosmetics and Perfumes, Surface Treatments...

- Wide variety of formats
- Excellent quality/price ratio
- Range of porosity levels to choose from



Filter Papers smooth or creped surface. Wide range of formats



3 stages of filtration:
Coarse
Polishing
Steril

- Wide variety of formats
- Excellent quality/price ratio
- Range of porosities to choose from

Filter Sheets & Filter Modules

In a depth filter, the surface available for retention of solids is not just the exterior section of the filtration element, but all the surface area of the pores through which the liquid to be filtered passes. The main advantage of depth filters is their great capacity to retain contaminants.

Furthermore, the most usual formats in press filters are 40×40 or 60×60cm, we are able to supply any format, with or without holes.

Applications: Food & Drink, Chemical – Pharmaceutical, Cosmetics and Perfumes..



With broad end caps configurations

- Wide range of sizes from 10" to 50"
- Porosity from 0.2 µm to 40 µm
- High chemical resistance
- Additive and resin free
- 100% Polypropylene fibres

Filter Cartridges PP

Pleated Cartridges 100% polypropylene, assembled using the latest heat setting technologies. For applications where absolute or nominal retention is

necessary. Our efficiency ratings reach 99.98% (Beta 5000) in absolute filters and 90% micron rating in nominal filters.

Applications: Food and Drink, Inverse osmosis pre-filtration (R.O.), Chemical products, Processing water filtration, petrochemical, Waste Water Treatment...

Filter Cartridges Wounded

Its design depth filter cartridge ensures progressive blinding and offering long filtration cycles. Available in polypropylene yarn, cotton, polyester, fiberglass... and in standard diameter or BIG. Its ease of use and low cost makes them the perfect choice prefilter for most industrial facilities.

Applications: Process Water (P.O.E.), Electroplating Baths, Chemical Products, Oils, Petrochemicals, Waste Water Treatments.

- Wide range of lengths from 4" to 50"
- Porosities from 1 µm to 200 µm
- Great Chemical compatibility
- Diversity of fibers



Available with internal core in PP or Stainless Steel



with broad end caps configurations

- Wide range of lengths 9 3/4" to 50"
- Porosities from 1 µm to 200 µm
- Great chemical compatibility
- Variety of configurations

Filter Cartridge Meltblown

Its design depth filter cartridge ensures progressive plugging. Available in absolute retention or nominal. Its special manufacturing accomplished by progressive layers of different porosity ensure high retention capacity of contaminants, high flow and prolonged use cycles. **Applications: Process Water (P.O.E.), Electroplating Baths, Chemical Products, Oils, Petrochemicals, Waste Water Treatments...**



- Wide chemical compatibility
- Excellent anti-corrosion ability
- Free of rust contamination in process fluid
- Quick swing bolt closure
- Equipped with bag hold-down assembly to avoid bypass

Housings PP y UPVC

Dorsan ® UPVC Bag Filter Housings feature excellent anti-corrosion by wide chemical compatibility. Compared with products made of stainless steel in the

same dimensions, the UPVC filter housings advantage of lightness, low cost and rust free. Secure quick swing bolt closure, enabling the UPVC high pressure bag filter housings to withstand higher operating pressure in critical processes. **Applications: Filtration of chemicals from truck's tanks to the plant, Prefiltration Reverse Osmosis Membranes, Desalination, Waste Water Treatment, Household Water Filtration, Filtration of corrosive chemical products.**

Stainless Steel Filter Housing

Filters manufactured in AISI 304 or AISI 316L that comply with the highest quality standards. Available in configurations from 10 inches to 50 inches, cartridge holders from 3 to 9 units. Can be used with filtration bags in the most regular measurements. Options of various polished finishes (glazed is the most popular) V-CLAM closure (clamp) or BOLT closure (screw). Our commercial department can advise you in relation to all your queries helping you make the best choice for the shells that you need.

- Multitude of configurations
- Possibility of AISI 304 or AISI 316-L
- Stock for immediate delivery
- V-Clam or screw closure system



Note. We reserve the right to change these informations without any previous notice.
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