



Filter Cartridges: **RO Protect Ultra**

Industry Standard Meltblown Cartridges

Gopani[™]

RO Protect Ultra

Industry Standard Meltblown Cartridges

RO Protect Ultra filters are manufactured from melt blown polypropylene fibers for reliable and consistent filtration performance.

RO Protect Ultra's 100% Polypropylene plastic construction ensures broad chemical compatibility appropriate for a spread of applications such as water, weak acids and bases, chemicals and solvents.

Features and Benefits

- + All Polypropylene construction.
- + Performance that will ensure protection of your downstream equipment.
- + Broad chemical and thermal compatibility.
- + Ready to be shipped.

Applications

- + Water treatment Pre-RO filtration of brackish or seawater in desalination plants and industrial water treatment systems.
- + General purpose filtration of process water, reused water or waste water across industries.



Specification

Materials:	Filter Media	Polypropylene
Retention rating:	5,10 µm	
Surface area:	Standard (OD 61 mm)	≥ 0.52 ft ² per 10" cartridge length
	Jumbo (OD 110 mm)	≥ 0.94 ft ² per 10" cartridge length
Maximum operating conditions:	Recommended change-out differential pressure	0.12 MPa (1.2 bar; 17.4 psid) @ 21°C (69.8°F)
	Maximum operating temperature	60°C (140°F)
Dimensions (nominal):	Length	10", 20", 30", 40"
	Standard OD/ID	61±1 / 28±0.5 mm
	Jumbo OD/ID	110±2 / 28±0.5 mm

Quality & Performance

Gopani filter cartridges are designed and manufactured for resistance to a wide range of chemical solutions. Conditions will vary with each application and users should carefully verify chemical compatibility. Please contact your Gopani representative for more information.

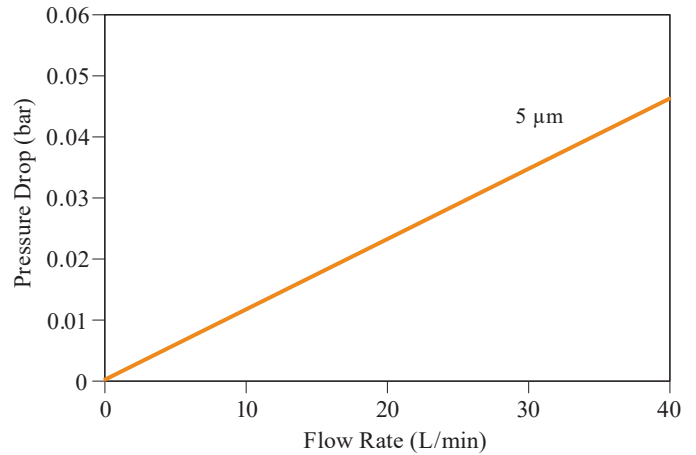
Gopani filters are made from thermally bonded fibers of polypropylene. Gopani certifies that it uses no resin binders, lubricants, anti static or release agents, in the manufacturing of these filter cartridges.

Unit conversion: 1bar=100kPa=14.5psi

Flow rate is for a 254 mm (10inch) cartridge.

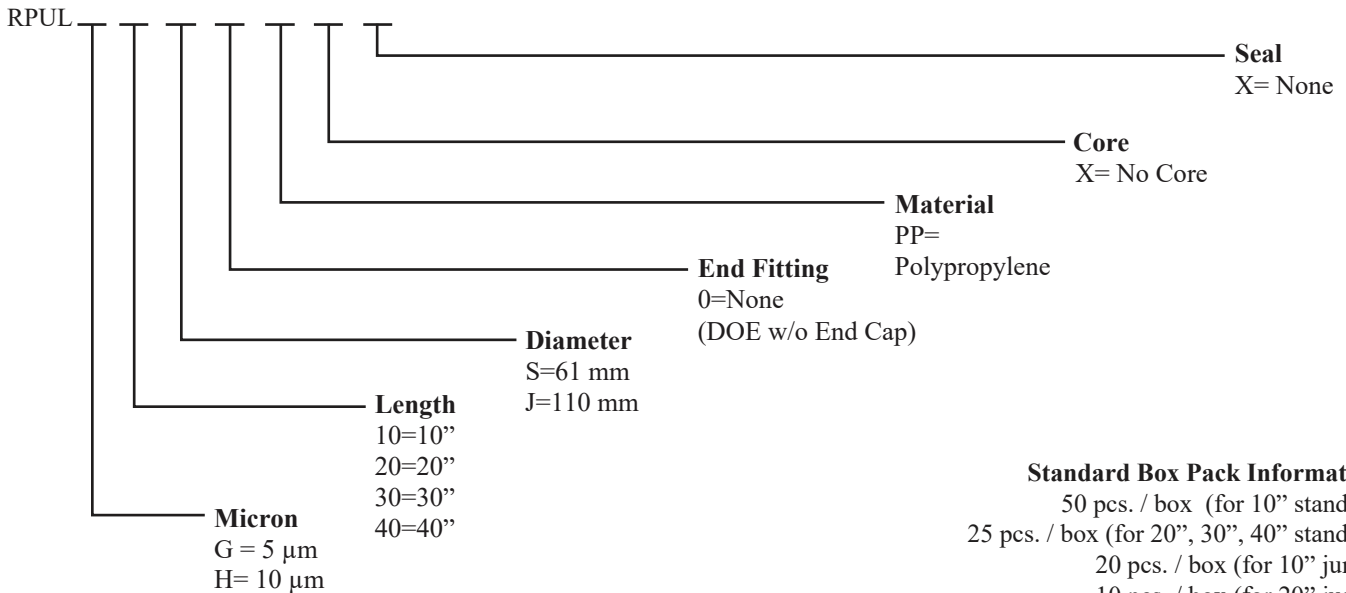
For liquids other than water, multiply differential pressure by fluid viscosity (cP).

RO Protect Ultra 10" Cartridge Filters



Ordering Information

Ro Protect Ultra Part Number Generation



Standard Box Pack Information :

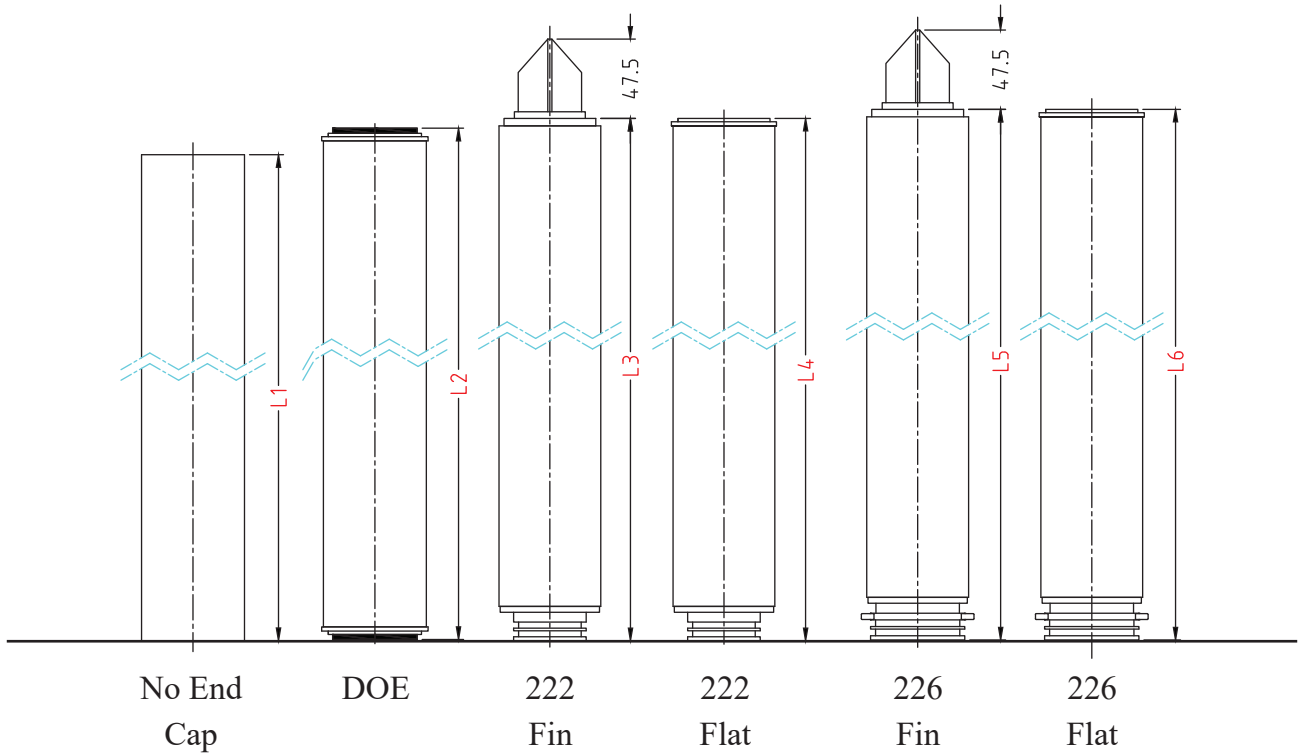
50 pcs. / box (for 10" standard)
25 pcs. / box (for 20", 30", 40" standard)
20 pcs. / box (for 10" jumbo)
10 pcs. / box (for 20" jumbo)

RO Protect Ultra cartridges are readily available for your convenience. We also offer scheduled delivery service to fulfill your annual requirement of cartridges. Please contact your Gopani Executive for further information.

Disclaimer

The information contained within this catalog and the specifications mentioned are intended to provide information about products available for purchase from the Gopani group of companies ("Gopani"). All reasonable efforts have been made to ensure the accuracy of the information. However, Gopani cannot be held responsible for any errors or unexpected un-fulfillment of product or performance. Gopani does not warrant the accuracy and reserves the right to make changes to the catalog and product specifications at any time without prior notice.

Dimensions

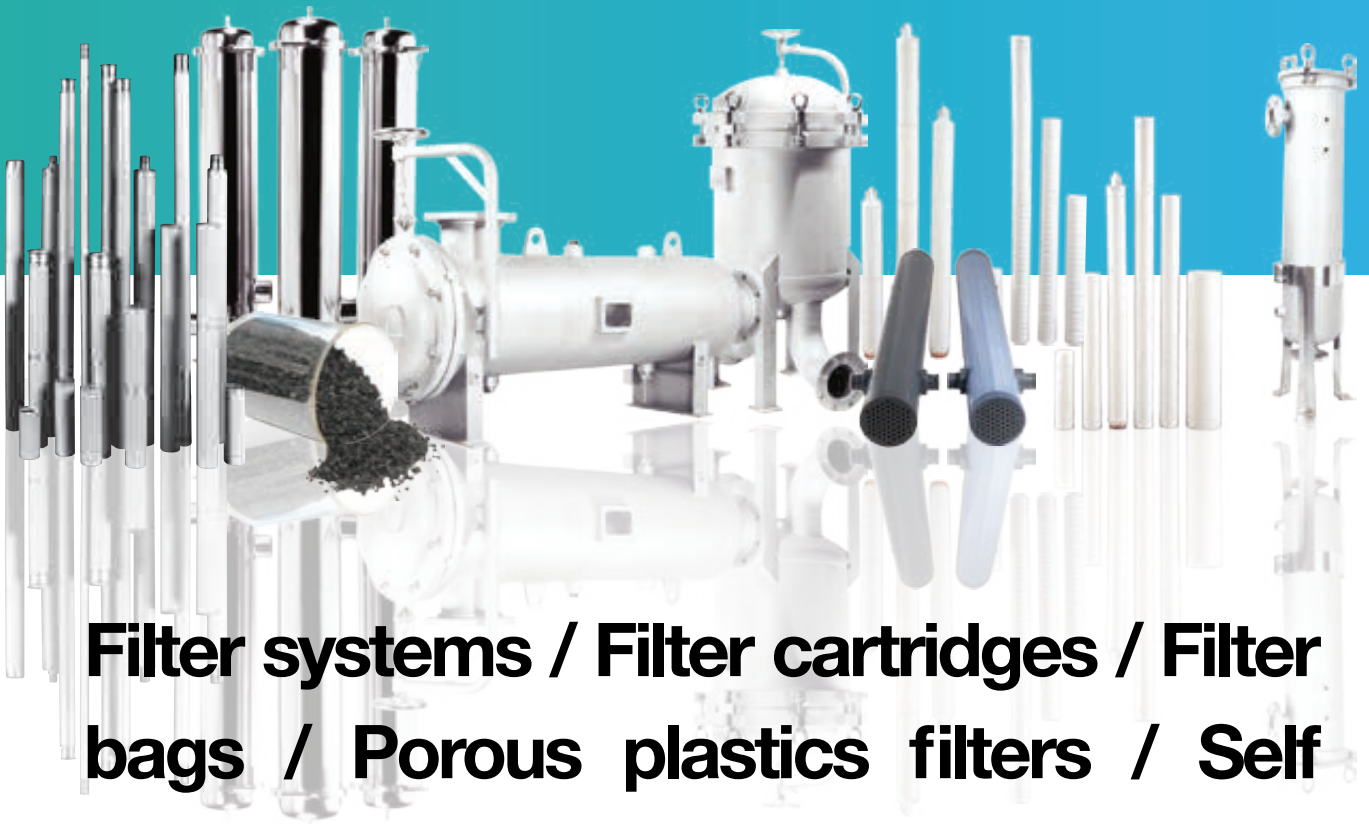


Filter	10"	20"	30"	40"	50"
L1	254 mm ±1.5 mm (10.00" ±0.04")	508 mm ±1.5 mm (20.00" ±0.06")	762 mm ±2 mm (30.00" ±0.08")	1016 mm ±2 mm (40.00" ±0.08")	1270 mm ±2 mm (50.00" ±0.08")
L2	254 mm ±1.5 mm (10.00" ±0.04")	508 mm ±1.5 mm (20.00" ±0.06")	762 mm ±2 mm (30.00" ±0.08")	1016 mm ±2 mm (40.00" ±0.08")	1270 mm ±2 mm (50.00" ±0.08")
L3	279 mm ±1.5 mm (10.98" ±0.04")	533 mm ±1.5 mm (20.98" ±0.06")	787 mm ±2 mm (30.98" ±0.08")	1041 mm ±2 mm (40.98" ±0.08")	1295 mm ±2 mm (50.98" ±0.08")
L4	280 mm ±1.5 mm (11.02" ±0.04")	534 mm ±1.5 mm (21.02" ±0.06")	788 mm ±2 mm (31.02" ±0.08")	1042 mm ±2 mm (41.02" ±0.08")	1296 mm ±2 mm (51.02" ±0.08")
L5	284 mm ±1.5 mm (11.18" ±0.04")	538 mm ±1.5 mm (21.18" ±0.06")	792 mm ±2 mm (31.18" ±0.08")	1046 mm ±2 mm (41.18" ±0.08")	1300 mm ±2 mm (51.18" ±0.08")
L6	285 mm ±1.5 mm (11.22" ±0.04")	539 mm ±1.5 mm (21.22" ±0.06")	793 mm ±2 mm (31.22" ±0.08")	1047 mm ±2 mm (41.22" ±0.08")	1301 mm ±2 mm (51.22" ±0.08")

Other dimensions available on request.

Think Filtration

Think Gopani™



Filter systems / Filter cartridges / Filter bags / Porous plastics filters / Self cleaning filters / Process Filtration Systems / Filter Aids / ETP, STP, ZLD Plants / Activated Carbon



About us

At Gopani, we are managed by technocrats having more than 2 decades of rich experience in designing and manufacturing of Cartridge filtration systems, Bag filtration systems, Sparkler Filters, Strainers etc. from various materials like Polypropylene, Stainless Steel, Mild Steel and special alloys to relevant standards and codes for pharmaceuticals, chemical plants, Refineries and other industries.

Gopani

Gopani Product Systems has a vast and varied experience in the Filtration Industry spanning more than two decades with close and continuous relationship with renowned Manufacturers all across India and with overseas customers too. Gopani has been acknowledged in industry circles as an organization in continuous endeavor to bring the best of the Filtration technologies and products. The Team Gopani has today grown to include excellent technological brains with experience in design and manufacture, keen to assist in providing the correct and targeted solutions in the field of Filtration. Gopani values relationships with stakeholders above all and this has given the highest happiness for being in business.

I'mpurity™

Highest Possible Customer Satisfaction

GPS

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