

Polypropylene filtration bag with combined technologies allowing a much longer life-span compared to standard bags.



Description

The inner part of the bag is made of a rigid PP meltblown pre-filter with a thickness of 10 mm. This pre-filter with a degressive porosity has a retention capacity 4 to 10 times higher than standard filters while eliminating the traces of oil present in the liquids.

The external part of the bag is made of a polypropylene felt. This final step guarantees the porosity and the filtration efficiency of the whole.

The 2 parts corresponding to the pre-filter and the felt are directly welded on the molded ring of your choice. This improvement compared to equivalent products on the market allows to guarantee a filtration by stage without any by-pass.

Made from 100% polypropylene and without any seams, QUALIPOCHE MAX bags guarantee silicone-free filtration and are also perfectly adapted to food applications.

Characteristics & benefits

- Very high capacity economical bag.
- Increased bag life-span.
- Reduction of both the number of stops and the consumption of bags.
- Holds hydrocarbon pollution thanks to the meltblown prefilter.
- Wide range from 1 to 100 µm.
- Available in size 10 and 20.
- 100% polypropylene.
- Welded design to prevent any risk of contamination.
- FDA compliant.
- Made from silicone-free materials.
- Lot number on bags and packaging.

Chemical compatibility

	Polypropylene
Alkaline	+++
Acid	+++
Oxidizer	-
Solvent	+
Tmax (°C)	90

+++ Excellent | ++ Good | + Fair | - Not compatible

Note: displayed temperatures are only applicable for metal rings. If polypropylene ring, do not go above 90°C.

Conditions of use

Max pressure loss	1,5 bar
Recommended replacement differential pressure	0,7 - 1 bar
Max flow rate	5 m³/h (size 10)

ORDER REFERENCE

Example :

QPT - **A** 20 - **B** POMAX - **C** 1 - **D** EFS

A / Size

Code	Diameter (mm)	Length (mm)	Volume (liters)	Area (dm ²)
10	180	450	10	26
20	180	820	19	44

B / Media

Code	Material
POMAX	Polypropylene felt with rigid meltblown prefilter

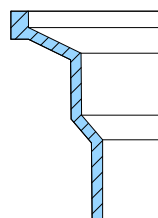
C / Retention threshold

Code	Porosity
1	1 µm
5	5 µm
10	10 µm
25	25 µm
50	50 µm
100	100 µm

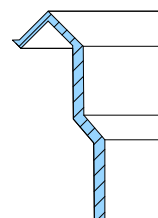
D / Ring

Code	Molded ring	Available sizes
ERP	Profile 1 [PP]	10 / 20
PR	Profile 1 [Santoprene™]	10 / 20
EFS	Profile 2 [PP]	10 / 20 / 04 / 08
EAP	Profile 4 [PP]	10 / 20
EAS	Profile 4 [Santoprene™]	10 / 20

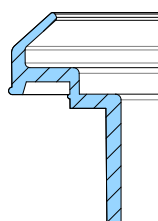
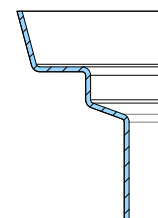
PROFILE 1



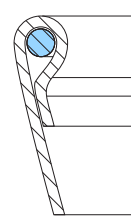
PROFILE 2



PROFILE 3



PROFILE 4



O-RING