

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.
- 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

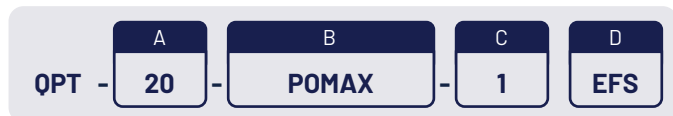
Note: displayed temperatures are only applicable for metal rings. If polypropylene ring, do not go above 90°C.

Conditions of use

| | |
|---|-------------------------------|
| Max pressure loss | 1,5 bar |
| Recommended replacement differential pressure | 0,7 - 1 bar |
| Max flow rate | 5 m ³ /h (size 10) |

ORDER REFERENCE

Example :



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 |

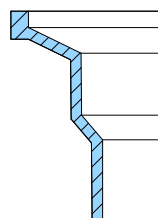
C / Retention threshold

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

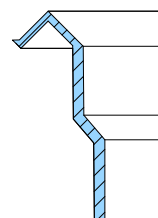
D / Ring

| 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 |

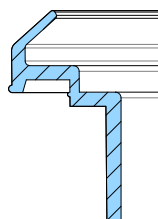
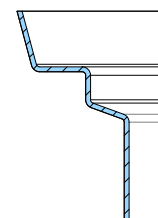
PROFILE 1



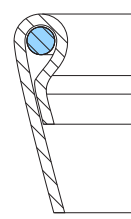
PROFILE 2



PROFILE 3



PROFILE 4



O-RING