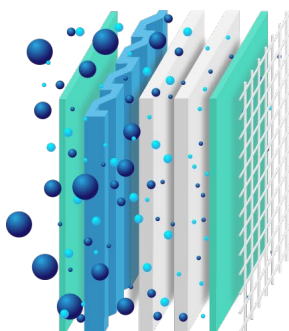


High-performance polypropylene filtration bag with increased filtration area



Description

The inner filtering part is made of a meltblown filtering layer of breakthrough technology. The media has been manufactured in a wave shape to increase its surface area and retention capacity. The result is double the surface area and thickness of traditional meltblown technologies. The unique design of this layer allows for a high efficiency pouch at a reasonable price.

Where as the final layers of the POHE100NW range are made from a very compact meltblown to achieve 99% efficiency.

The meltblown filtering materials have been carefully selected and tested by our analysis laboratory in order to guarantee a filtration of 99% at the announced porosity (BETA RATIO = 100). The results of the tests carried out on a standardized bench are available on request.

The upstream part consists of a protective spunbond pre-filter layer. The downstream part consists of a spunbond polypropylene support to avoid any release of fibers and an additional polypropylene mesh to ensure perfect drainage over the entire surface of the bag.

Made of 100% polypropylene and without any seams, QUALIPOCHE HE100 bags guarantee silicone-free filtration and are also perfectly adapted to food applications.

Characteristics & benefits

- New meltblown technology.
- Filtration efficiency of 99% at the announced porosity.
- Beta ratio of 100 at the announced porosity.
- Range from 1 to 6 μm .
- 100% polypropylene.
- Welded construction to avoid any risk of contamination.
- Available with O-rings or molded rings for extra sealing.
- 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	2,4 bar
Recommended replacement differential pressure	0,7 - 1,4 bar
Max flow rate	8 m ³ /h (size 10)

ORDER REFERENCE

Example :

OPT -	A	B	C	D
	20	POHE100NW	1	EFS

A / Size

Code	Diameter (mm)	Length (mm)	Volume (liters)	Area (dm ²)
10	180	450	10	26
20	180	820	19	44
03	95	230	1.1	6
04	107	230	1.2	8
05	110	230	1.3	9
07	95	385	2.3	11
08	107	385	2.8	12
09	110	385	3.2	14
x100	152	510	5.6	18

B / Media

Code	Material
POHE100NW	High performance polypropylene felt series 100 with wave technology

C / Retention threshold

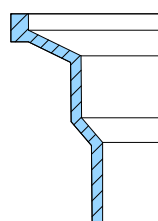
Code	Porosity
1	1 µm
3	3 µm
6	6 µm

D / Ring

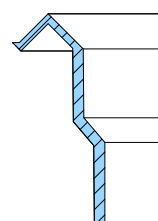
Code	O-ring	Available sizes
EH	Galvanized steel	All
S	Stainless steel	All
P	Polypropylene	All

Code	Molded ring	Available sizes
ERP	Profile 1 [PP]	10 / 20
ERS	Profile 1 [PES]	10 / 20
PR	Profile 1 [Santoprene™]	10 / 20
EFS	Profile 2 [PP]	10 / 20 / 04 / 08
EFSE	Profile 2 [PES]	10 / 20 / 04 / 08
X10P	Profile 3 [PP]	X100
EAP	Profile 4 [PP]	10 / 20
EAPE	Profile 4 [PES]	10 / 20
EAS	Profile 4 [Santoprene™]	10 / 20

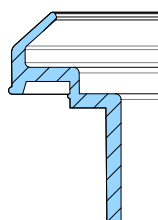
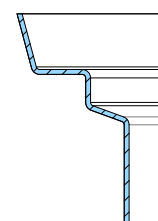
PROFILE 1



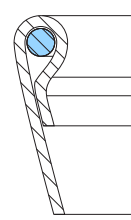
PROFILE 2



PROFILE 3



PROFILE 4



O-RING