

# QUALI-CONTOUR-P-R

HIGHFLOW™ polypropylene pleated cartridge

EN Data sheet

QUALI FILTRES  
SIEBEC Group



Made from recycled polypropylene



## Description

QUALI-CONTOUR-P cartridges are pleated filter elements of the high flow type.

The large filtering surface combined with the high porosity media provide the QUALI-CONTOUR-P cartridge with minimal pressure drops and excellent retention capacities.

QUALI-CONTOUR-P cartridges are assembled by heat welding (without glue) in order to guarantee maximum chemical compatibility and to avoid the risks of contamination. Pressure and temperature resistance is improved thanks to the injected internal and external polypropylene cages. Unlike existing technologies, this design provides the cartridge with greater rigidity and avoids any deformation of the cartridge in the support basket. There is no difficulty in removing the cartridge once it is clogged.

The QUALI-CONTOUR-P cartridge integrates an upstream and downstream draining grid to guarantee the spacing between the pleats. This assembly increases the life of the cartridge while maximizing the filtration rate.

QUALI-CONTOUR-P cartridges are available in 20", 40", 60" and 80" ..

## Features & Benefits

- Cartridge made from recycled materials.\*
- Large range from 0.2 to 100µm
- Polypropylene or glass microfiber filtration media
- Low pressure drop
- High retention capacity
- Reinforced design



## Building materials

Filter media	Polypropylene
Upstream media support	Polypropylene
Downstream media support	Polypropylene
Internal cage	Recycled polypropylene
External cage	Recycled polypropylene
Nozzle / adapter	Recycled polypropylene

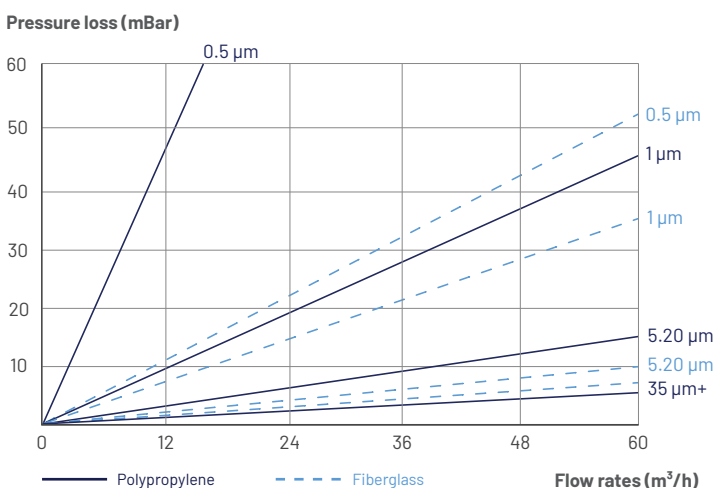
## Standard dimensions

External diameter	152 mm
Internal diameter	80 mm
Length	20" - 40" - 60"

## Terms of service

Maximum continuous operating temperature	70°C
Maximum pressure loss	3 bar
Recommended replacement pressure differential	2 bar

## Typical flow rates : for a 40" cartridge



\* Not suitable for any food application.



## ORDER REFERENCE

Example :

QTPR -	<b>A</b> L	-	<b>B</b> PP	-	<b>C</b> 01	-	<b>D</b> 20	-	<b>E</b> 0	-	<b>F</b> N
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### A / External diameter

Code	Description
L	152 mm / O-ring seal
P	152 mm / Lip seal

### D /Length

Code	Description
20	527 mm
40	1038 mm
60	1538 mm

### B / Media

Code	Description
PP	Polypropylene
GF	Fiberglass

### E / Tip

Code	Description
0	Without
1	With

### C / Filtration threshold

Code	Description
01	1 µm
02	2,6 µm
03	3 µm
04	4,5 µm
05	5 µm
06	6 µm
10	10 µm
20	20 µm
50	50 µm
90	90 µm

### F / Seal material

Code	Description
N	NBR
E	EPDM
S	Silicone
F	FPM
P	FEP / Silicone
0	Without

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