

ultrapolyplea® P-PP100

The depth filter for particle removal from aqueous solutions, water and gases with an absolute retention rate.

Product description:

The ultrapolyplea® depth filter is a pleated all-polypropylene prefilter with an absolute retention rate between 0.45 µm and 40 µm.

Features:

All components meet the FDA requirements for the contact with food in accordance with CFR (Code of Federal Regulations) Title 21. ultrapolyplea® has passed the USP XX Class VI tests for plastics. The filter element is manufactured in accordance with the cGMP requirements (current Good Manufacturer Practice), has no migration of filter media, is non-fibre releasing and is thermally welded without the use of binders or other chemical additives. The filter element is pre-rinsed with 18 MΩ cm water. This leads to extremely low extractables.

Applications:

The ultrapolyplea® depth filter is designed and developed for the following applications:

- Particle removal from water
- Chemicals
- Solvents
- Etchants
- Biological liquids
- Pharmaceuticals
- Serums
- Cosmetics
- Food and beverage
- Syrup
- Paints and dyes
- Jet printer inks
- Photolithographical liquids
- Coatings
- Salt and Seawater
- Coolants
- Isotonic salt solutions
- Inks and pigments
- Magnetic memory media
- Compressed air and other gases

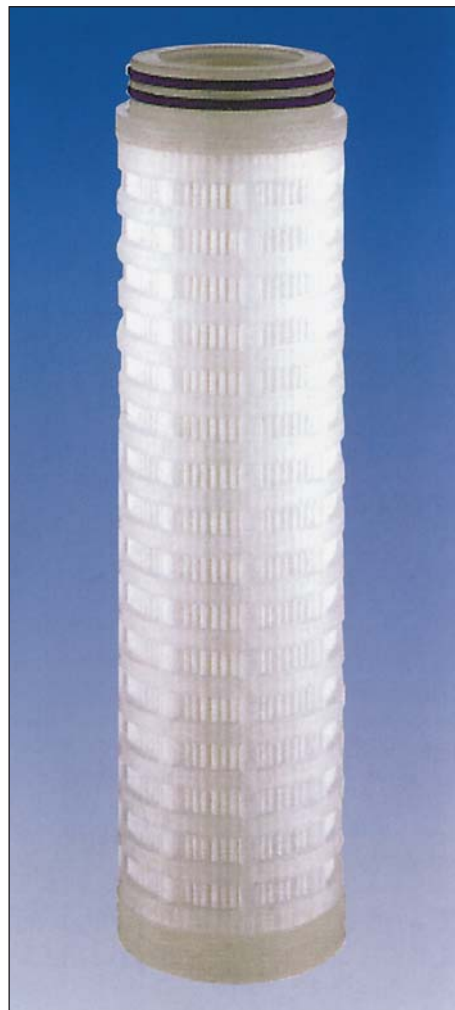
Absolute retention rate:

0.45 µm, 0.6 µm, 0.8 µm, 1.2 µm, 2.4 µm, 5 µm, 7 µm, 10 µm, 20 µm, 30 µm, 40 µm

Sterilisation:

- In-line sterilisation with slow speed saturated steam
- 121°C–135°C (250°F–275°F) for 30–60 minutes
- Autoclave 125°C (260°F) for 30–60 minutes

ultrapolyplea® filter elements are capable of repeated sterilisation cycles



The ultrapolyplea® P-PP100 – high efficient absolute pre- and after filter