

ultrapolyplea® P-PP

The depth filter for particle removal from aqueous solutions, water and gases with a nominal retention rate. The filter can be used accordingly as a pre- or final filter, especially when economically high efficiency is required.

Product description:

The ultrapolyplea® depth filter is a pleated all-polypropylene filter with a particle retention rating extending from 0.1 μm to 30 μm . This filter element distinguishes itself by a high dirt hold capacity as well as a high flow rate.

Features:

All components fulfil 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 the filter medium, is non-fibre releasing, and thermally welded without use of binders or other additives. The filter element is pre-rinsed with 18 M Ω cm water. Which leads to extremely low extractables.

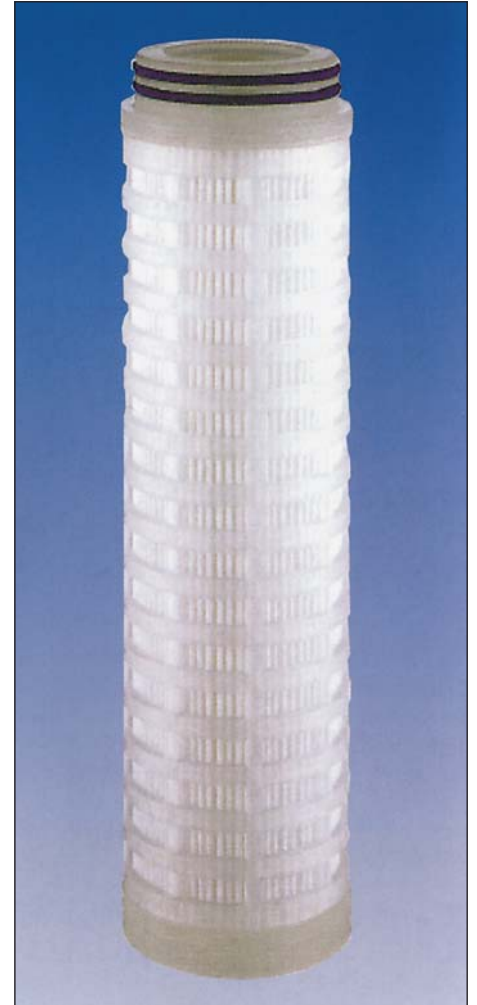
Applications:

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

- Particle removal from water
- Chemicals
- Etchants
- Biological liquids
- Pharmaceuticals
- Pesticides
- Cosmetics
- Oils
- Food and beverage
- Syrup
- Paints and dyes
- Jet printer inks
- Photolithographical liquids
- Coatings
- Salt- and Seawater
- Coolants
- Polymers
- Compressed air and other gases

Nominal retention rate:

0.1 μm , 0.2 μm , 0.4 μm , 1 μm , 3 μm , 5 μm , 10 μm , 30 μm



The ultrapolyplea® P-PP – the economical pre- and final filter for liquids and gases