



Increased surface area, better retention, and maximum filtration performance for the most demanding applications.

Our product range includes ErtelAlsop Pak® depth filter cartridges, also known as lenticular or disc filter cartridges. They are available in various configurations and options. Lenticular filter cartridges are manufactured in 12-inch (30.5 cm) or 16-inch (40.6 cm) diameters and contain between 5 and 18 stacked lenticular filter cells. Each filter cell consists of a pair of MicroMedia®, AlphaMedia®, or MicroClear® filter media sheets, with their edges sealed using a patented polypropylene sealing process. The assembled unit resembles a stack of double convex lenses, which is why they are referred to as “lenticular” filters.

Technical data

Material: cellulose, filter aid impregnated media, perlite, diatomaceous earth, carbon

Core:
polypropylene, stainless steel

Gaskets:
Neoprene, Viton, EPDM, Buna-N, Teflon, Silicone

Removal rating: 0.25μ, 0.3μ, 0.45μ, 0.8μ, 1μ, 2.5μ, 5μ, 10μ, 15μ

Dimensions

Cartridge diameter:
12" (30,5cm)
16" (40.6cm)

Cartridge height:
7 1/2" (18,75cm)
10 7/8" 27,19cm

FEATURES

- Filtration accuracy from 0.25 to 15 microns, excellent retention of ultrafine particles
- Customizable sizes to meet customer needs, compatible with most filter presses and housings available on the market
- Constructed with cellulose media, polypropylene, and stainless steel for compatibility with a wide range of applications
- High throughput and high flow rates
- Technical support available

APPLICATION

- Filtration of silicones, coatings, oils, and lubricants
- Removal of solid and liquid contaminants from turbine lubricants and transformer insulating oil
- Removal of solid and volatile particles from syrups, flavorings, wine, beer, and spirits
- Clarification in plasma processing, API ingredients, culture media, and cell harvests

