

Filter cartridge

amaBond_LR

1. Introduction

The amaBond LR cartridge is specially designed for higher viscosity media like resins, inks and paint. The amaBond LR can filter liquids up to 3,000 centipoise. Depending on the process conditions even higher viscosity liquids can be filtered. The one piece construction eliminates the possibility of breaking or liquid bypass at the joints. As no centre core is used the amaBond LR can easily be disposed. The special design and material used allows for filtration at high temperatures. The amaBond LR offers the most economical filtration of high viscosity liquids.



2. Features

- Phenolic resins impregnated acrylic fibres
- Suitable for high viscosity liquids
- Suitable for high temperatures
- Virtually no media migration
- One piece construction
- High dirt holding capacity
- No centre core
- Nominal micron rating

3. Product/Performance specifications

Filter medium: phenolic resin impregnated acrylic fibres

Dimensions

External diameter: 65 mm
Length: see ordering information
Filtration area: 0.05 m²/10" cartridge

Maximum operating temperature

20 °C at 10 bar pressure difference
80 °C at 4.5 bar pressure difference
120 °C at 1.7 bar pressure difference

4. Typical applications

Adhesives, Coatings and Inks	adhesives emulsions, enamels, inks, lacquers, paints, plastisols, sealants, varnishes
Petroleums	asphalts, crude and fuel oils, hydraulic fluids, kerosene, lube oils, waxes
Resins	acrylics, alkyds, aminos, epoxies, silicones, urethanes, vinyls
Water based	antifreeze, oil well completions fluid, salt water, process water
Additional applications	animal oils, cosmolene elastomers, glycerine diluted inorganic acids, plasticizers, rapeseed oils, turpentine, tung oils



5. Ordering code

amaBond LR

2
Micron rating [μm]
2
5
10
25
50
75
125

20
Nominal length [inch]
9.75 (248 mm)
10 (254 mm)
19.5 (495 mm)
20 (508 mm)
29.25 (743 mm)
30 (762 mm)
39 (991 mm)
40 (1016 mm)