Filter cartridge
amaBond LR

The amafilter – LFC Lochem amaBond LR filter cartridge has a unique design: two-stage filtration. First stage, an outer spiral wrap pre-filter for retaining larger particles. The second stage (inner layer) will retain particles at the rated micron.

The amaBond LR can filter liquids up to 3,000 centipoise. Depending on the process conditions even higher viscosity liquids can be filtered. The amaBond LR offers the most economical filtration of high viscosity liquids. The one piece construction eliminates the possibility of breaking or liquid bypass at the joints.

Features
- One piece construction
- No centre core
- Nominal micron rating
- Virtually no media migration
- Easy change-out
- Phenolic resins impregnated acrylic fibres
- Suitable for high viscosity liquids
- Suitable for high temperatures
- High dirt holding capacity
- Replacement for 3M Cuno Micro Klean cartridge

Cartridge filter housing
Filtration Group supplies a wide range of cartridge filter housings in different materials, dimensions and models to meet your demands.

For detailed information about cartridge filter housings, please see the respective data sheets or visit www.ama-lfc.com

Typical applications*
- Adhesive coatings
- Printing inks
- Paints
- Resins
- Organic chemicals
- Polymers synthetic and natural
- Pigments slurries
- Waxes
- Emulsions
- Petroleum products
- Weak acids and bases (pH 5 – 9)

*amaBond LR is not intended for use in FDA compliance applications and not suitable for fluids like oxidizing agents.

Standard Specification
- Filter medium: phenolic resins impregnated acrylic fibres
- Micron rating: 2, 5, 10, 25, 50, 75, 125 or 150 µm
- Length: 10, 20, 30 or 40 inch
- External diameter: 65 mm (nominal)
- Internal diameter: 29 mm (nominal)
- Filtration area: 0.05 m²/10" cartridge
- Maximum recommended change-out dP: 3.5 bar
- Not recommended for FDA applications

Maximum operating temperature
21 °C at 10 bar forward pressure difference
80 °C at 4.5 bar forward pressure difference
120 °C at 1.7 bar forward pressure difference
### Ordering information

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<thead>
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<tbody>
<tr>
<td>1</td>
<td>Type</td>
<td>LR  = phenolic resin impregnated acrylic fibres</td>
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<tr>
<td>2</td>
<td>Micron rating [μm]</td>
<td>LR  = 002, 005, 010, 025, 050, 075, 125, 150</td>
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<td>3</td>
<td>Cartridge (nominal) length [inch]</td>
<td>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</td>
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<td>4</td>
<td>Cartridge style</td>
<td>No symbol = DOE, no gaskets</td>
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