Liquid Filtration Product Brochure

Bag Filter Housings & Filter Bags

Cartridge Filter Housings & Filter Cartridges

Accessories & Spare Parts
Bag Filter Housings
Single and multi-bag filter housings in high quality stainless steel
Suitable for all commonly used filter bags
Flow rates max. 960m³/hr
Details page 3-10

Filter Bags
High quality needlefelt and nylon monofilament bags
Steel, zinc plated and Plastic top collar rings
4 different sizes - max. 0.5 m² filter surface per bag
Suitable for all commonly used filter housings
Details page 11-12

Cartridge Filter Housings
Single and multi-cartridge filter housings
1 to 5 cartridges per housing (9¾” – 30” length)
High quality stainless steel and polypropylene
Suitable for all commonly used filter cartridges
Details page 13-16

Filter Cartridges
Industrial filter cartridges
4 different types:
String wound, phenolic resin bonded, melt-blown, extruded activated carbon and pleated cartridges
Sizes 5” to 40” length
Suitable for all commonly used filter housings
Details page 17-19
Dawning Filters - Liquid Filter Systems

Bag Filter Housings

Wide range of stainless steel bag filter housings
Compatible with all types of commonly used filter bags
Filter housings containing 1-4 filter bags (max flow of 160 m³/hr)
Economical stainless steel alternative to carbon steel housings guarantees years of consistent performance

**ECOLINE**
Side Inlet Economy
The economical series of light weight construction
Page...4

**FLOWLINE**
Side Inlet Flow
Side inlet, high precision
Page...5

**TOPLINE**
Over the top inlet highest quality and precision
Page...6

**SIDELINE**
Side Inlet Flow
Side inlet, high precision for heavy industrial applications
Page...7

**MULTI-BAG**
Top Inlet Multi-bag
High flow rate with over the top inlet, multi-bag unit
Page...8

**POLYLINE**
For aggressive filter media, the perfect polypropylene filter
Page...9

Various Accessories and Spare Parts
To optimize the filter operation
Page...10
Dawning Filters - Liquid Filter Systems

Bag Filter Housings ECOLINE-Series

- The economical series of light weight construction
- Throughput 6-40 m³/hr
- Economic stainless steel housing that outlast carbon steel housings
- For inline safety filtration and OEM applications
- Easy to operate, V-clamp closure

**ECOLINE -Series (20-40 m³/hr)**

<table>
<thead>
<tr>
<th>Bag Size</th>
<th>Material</th>
<th>Max. work. pressure (bar)/temp</th>
</tr>
</thead>
<tbody>
<tr>
<td>01 and 02</td>
<td>SS 304/316</td>
<td>6/120°C</td>
</tr>
</tbody>
</table>

**EBF-0101**

- m²/bag: 0.25
- m³/hour: 20
- Dimensions (in mm):
  - A: 559
  - B: 489
  - C: 150
- Connections:
  - inlet / outlet: 2" BSP
  - vent: 1/4" BSP

**EBF-0102**

- m²/bag: 0.5
- m³/hour: 40
- Dimensions (in mm):
  - A: 954
  - B: 884
  - C: 150
- Connections:
  - inlet / outlet: 2" BSP
  - vent: 1/4" BSP

**ECOLINE -Series (6-12 m³/hr)**

<table>
<thead>
<tr>
<th>Bag Size</th>
<th>Material</th>
<th>Max. work. pressure (bar)/temp</th>
</tr>
</thead>
<tbody>
<tr>
<td>03 and 04</td>
<td>SS 304/316</td>
<td>9/120°C</td>
</tr>
</tbody>
</table>

**EBF-0103**

- m²/bag: 0.09
- m³/hour: 6
- Dimensions (in mm):
  - A: 359
  - B: 299
  - C: 110
- Connections:
  - inlet / outlet: 1 ½ " BSP
  - vent: 1/4" BSP

**EBF-0104**

- m²/bag: 0.18
- m³/hour: 12
- Dimensions (in mm):
  - A: 514
  - B: 454
  - C: 110
- Connections:
  - inlet / outlet: 1 ½ " BSP
  - vent: 1/4" BSP
Dawning Filters - Liquid Filter Systems

Bag Filter Housing FLOWLINE - Series

- Side inlet, high precision
- For light industrial and OEM applications for flow rates up to 40 m³/hr
- Hinged lid SS 304/316 filter
- Easy to operate and quick bag changes - 4 swing eye bolts
- Easy to clean - smooth surface

FLOWLINE - Series (20-40 m³/hr)

<table>
<thead>
<tr>
<th>Bag Size</th>
<th>Material</th>
<th>Max. work. press (bar)/temp</th>
</tr>
</thead>
<tbody>
<tr>
<td>01 and 02</td>
<td>SS 304/316</td>
<td>10/120°C</td>
</tr>
</tbody>
</table>

FBF-01/02

<table>
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<tr>
<th></th>
<th>FBF-0101</th>
<th>FBF-0102</th>
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</thead>
<tbody>
<tr>
<td>m²/bag m³/hour</td>
<td>0.25</td>
<td>0.5</td>
</tr>
<tr>
<td>Dimensions (in mm):</td>
<td>20</td>
<td>40</td>
</tr>
<tr>
<td>A</td>
<td>575</td>
<td>970</td>
</tr>
<tr>
<td>B</td>
<td>489</td>
<td>884</td>
</tr>
<tr>
<td>C</td>
<td>150</td>
<td>150</td>
</tr>
<tr>
<td>Connections:</td>
<td>2&quot; BSP</td>
<td>2&quot; BSP</td>
</tr>
<tr>
<td>inlet / outlet or inlet / outlet vent</td>
<td>DN 50</td>
<td>DN 50</td>
</tr>
<tr>
<td></td>
<td>1/4&quot; BSP</td>
<td>1/4&quot; BSP</td>
</tr>
</tbody>
</table>

page 5
Dawning Filters - Liquid Filter Systems

Bag Filter Housing TOPLINE - Series

- Top entry SS 316 Ti housing highest quality and precision
- Low pressure drop
- No by-pass of particles with best filtration results
- Easy to operate and quick bag change - 4 swing eye bolts
- Easy to clean - smooth surface

TOPLINE - Series (20-40 m³/hr)

<table>
<thead>
<tr>
<th>Bag Size</th>
<th>Material</th>
<th>Max. work. pressure (bar)/temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>01 and 02</td>
<td>SS 316 Ti</td>
<td>10/160°C</td>
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</tbody>
</table>

TBF-01/02

<table>
<thead>
<tr>
<th></th>
<th>TBF-0101</th>
<th>TBF-0102</th>
</tr>
</thead>
<tbody>
<tr>
<td>m²/bag m³/hour</td>
<td>0.25</td>
<td>0.5</td>
</tr>
<tr>
<td>Dimensions (in mm): A</td>
<td>444</td>
<td>839</td>
</tr>
<tr>
<td></td>
<td>B</td>
<td>395</td>
</tr>
<tr>
<td></td>
<td>C</td>
<td>307</td>
</tr>
<tr>
<td>Connections: inlet / outlet Vent</td>
<td>DN 50/PN16 1/4&quot; BSP</td>
<td>DN 50/PN16 1/4&quot; BSP</td>
</tr>
</tbody>
</table>
Dawning Filters - Liquid Filter Systems

Bag Filter Housing SIDELINE - Series

- Side inlet, high precision
- For heavy industrial and OEM applications for flow rates up to 40 m³/hr
- Hinged lid SS 316 Ti filter
- Easy to operate and quick bag changes - 4 swing eye bolts
- Easy to clean - smooth surface

Sideline - Series (20-40 m³/hr)

<table>
<thead>
<tr>
<th>Bag Size</th>
<th>Material</th>
<th>Max. work. pressure (bar)/temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>01,02,03 &amp; 04</td>
<td>SS316 Ti</td>
<td>10/160°C</td>
</tr>
</tbody>
</table>

SBF 01/02/03/04

<table>
<thead>
<tr>
<th>SBF-0101</th>
<th>SBF-0102</th>
<th>SBF-0103</th>
<th>SBF-0104</th>
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</thead>
<tbody>
<tr>
<td>m²/bag</td>
<td>m³/hour</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>0.25</td>
<td>0.5</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dimensions (in mm): A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>575</td>
<td>495</td>
<td>220</td>
</tr>
<tr>
<td>970</td>
<td>890</td>
<td>220</td>
</tr>
<tr>
<td>375</td>
<td>300</td>
<td>110</td>
</tr>
<tr>
<td>530</td>
<td>455</td>
<td>110</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Connections: inlet / outlet Vent</th>
<th>DN 50/PN16</th>
<th>DN 80/PN16</th>
<th>DN80/PN16</th>
<th>1 ½ “BSP</th>
<th>1/4” BSP</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DN50/PN16</td>
<td>DN80/PN16</td>
<td>1 ½ “BSP</td>
<td>1/4” BSP</td>
<td>1/4” BSP</td>
</tr>
</tbody>
</table>
Dawning Filters - Liquid Filter System

**MULTI BAG Filter Housing - Series**

- High flow rates up to 960 m³/hr
- Split lid hinged SS 304/316 filter housing
- From 4 to 24 bags per housing in size 01 and 02
- For heavy industrial and OEM applications

**MULTI BAG - Series (80-960 m³/hr)**

<table>
<thead>
<tr>
<th>Bag Size</th>
<th>Material</th>
<th>Max. work. pressure (bar)/temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>01 and 02</td>
<td>SS 304/316</td>
<td>6/120°C</td>
</tr>
</tbody>
</table>

**MBF-01/02**

<table>
<thead>
<tr>
<th>Material</th>
<th>Bag Size</th>
<th>Max. work. pressure (bar)/temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>MBF-0401</td>
<td>0.25 m²/bag, 80 m³/hour</td>
<td>0.5 bar, 160 °C</td>
</tr>
<tr>
<td>MBF-0402</td>
<td>0.5 m²/bag, 160 m³/hour</td>
<td>945 bar, 740 °C</td>
</tr>
</tbody>
</table>

Dimensions (in mm):
- A: 550 m
- B: 345 m
- C: 400 m

Connections:
- Inlet / Outlet: DN 100, 1/4” BSP
- Vent: 1/4” BSP
Dawning Filters - Liquid Filter Systems

Bag Filter Housing POLYLINE - Series

- The perfect polypropylene housing, 100% glass filled polypropylene
- For aggressive filter media where Stainless Steel cannot be used
- Max. working pressure 10 bar at 21°C working temperature
- Easy to operate and quick bag changes

POLYLINE - Series (20-40 m³/hr)

<table>
<thead>
<tr>
<th>Bag Size</th>
<th>Material</th>
<th>Max. work. pressure (bar)</th>
</tr>
</thead>
<tbody>
<tr>
<td>01 and 02</td>
<td>Polypropylene</td>
<td>10</td>
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</table>

**PBF-01/02**

<table>
<thead>
<tr>
<th></th>
<th>PBF-0101</th>
<th>PBF-0102</th>
</tr>
</thead>
<tbody>
<tr>
<td>m²/bag</td>
<td>0.25</td>
<td>0.5</td>
</tr>
<tr>
<td>m³/hour</td>
<td>20</td>
<td>40</td>
</tr>
</tbody>
</table>

Dimensions (in mm): A 696, B 527, C 312

Connections:
- inlet / outlet: 2" BSP
- or inlet / outlet: DN 50
- Drain: 2" BSP

Connections:
- inlet / outlet: 2" BSP
- or inlet / outlet: DN 50
- Drain: 2" BSP
Dawning Filters - Liquid Filter Systems

Bag Filter Housing Accessories

Well designed accessories to optimize the filter operation

- Vent Valve 1/4”
- Pressure Gauge 1/4”
- Displacement Balloon
- Bag Positioner
- Bag Positioner with Magnets
- Restrainer Basket
- Wall Mounting Brackets
- Leg Assemblies
- Mesh- Baskets
Filter Bags

- Steel, zinc plated, top collar ring
- Easy installation and secure sealing
- Felt material - polyester and polypropylene from 1-200µ
- Mesh material - nylon monofilament from 50-800µ
- 4 different sizes - 0.09 to 0.5 m² filtration surface

SNAP-RING
Filter Bag

PO - 50 – 02 - S

Filter Bag Size

<table>
<thead>
<tr>
<th>Code</th>
<th>Surface m²</th>
<th>Size (cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>03</td>
<td>0.09</td>
<td>Ø 18 x 43</td>
</tr>
<tr>
<td>04</td>
<td>0.16</td>
<td>Ø 18 x 43</td>
</tr>
<tr>
<td>01</td>
<td>0.25</td>
<td>Ø 18 x 43</td>
</tr>
<tr>
<td>02</td>
<td>0.50</td>
<td>Ø 18 x 80</td>
</tr>
</tbody>
</table>

Filter Media/Material

- PO = Polypropylene needle felt
- PE = Polyester needle felt
- NMO = Nylon monofilament mesh

Filter Fineness in Micron

<table>
<thead>
<tr>
<th>Material</th>
<th>1</th>
<th>5</th>
<th>10</th>
<th>25</th>
<th>50</th>
<th>80</th>
<th>100</th>
<th>125</th>
<th>150</th>
<th>200</th>
<th>400</th>
<th>600</th>
<th>800</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PE</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NMO</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td>x</td>
<td>x</td>
</tr>
</tbody>
</table>
Filter Bags

- Plastic top collar ring - ALL WELDED CONSTRUCTION
- Easy installation and best possible sealing
- Felt material - polyester and polypropylene from 1-200µ
- 2 different sizes - 0.25 and 0.50 m² filtration surface

FILTER MEDIA/MATERIAL
PO = Polypropylene needle felt
PE = Polyester needle felt

SENTINEL Filter Bag

PO - 50 - 02 - E

FILTER BAG SIZE

<table>
<thead>
<tr>
<th>Code</th>
<th>Surface m²</th>
<th>Size (cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>0.25</td>
<td>Ø 18 x 43</td>
</tr>
<tr>
<td>02</td>
<td>0.50</td>
<td>Ø 18 x 80</td>
</tr>
</tbody>
</table>

FILTER FINENESS IN MICRON

<table>
<thead>
<tr>
<th>Material</th>
<th>1</th>
<th>5</th>
<th>10</th>
<th>25</th>
<th>50</th>
<th>100</th>
<th>200</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>PE</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
</tbody>
</table>
Dawning Filters - Liquid Filter Systems

Cartridge Filter Housings

POLYCART
Single cartridge
Polypropylene housing
Page...14

ECOCART - SINGLE
Single cartridge
Light weight stainless steel housing
Page...15

ECOCART - MULTIPLE
Multi cartridge
Light weight stainless steel housing
Page...16
POLYCART Series (1-2 m³/h)

- Single cartridge polypropylene filter housing
- Easy installation into pipe lines, 3/4" female BSP threaded inlet/outlet
- Suitable for DOE (double open ended) cartridges 9¾" and 20" length
- Ideal for water filtration and OEM-use

PKF - 1 - 20 - P

<table>
<thead>
<tr>
<th>No. Cartridge</th>
<th>Length of cartridge</th>
<th>Material of Housing</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>9 ¾ &quot;</td>
<td>Polypropylene (P) or SAN (T)</td>
</tr>
<tr>
<td>1</td>
<td>20 &quot;</td>
<td>Polypropylene (P) or SAN (T)</td>
</tr>
</tbody>
</table>

Technical Data

<table>
<thead>
<tr>
<th></th>
<th>PKF-1-09-P/T</th>
<th>PKF-1-20-P/T</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max operating conditions (bar/°C)</td>
<td>8/50</td>
<td>8/50</td>
</tr>
<tr>
<td>Weight of housing (kg)</td>
<td>0.8</td>
<td>2.0</td>
</tr>
<tr>
<td>Dimensions (in mm): A B</td>
<td>122 310</td>
<td>122 575</td>
</tr>
<tr>
<td>Connections: inlet / outlet</td>
<td>3/4&quot; BSP</td>
<td>3/4&quot; BSP</td>
</tr>
</tbody>
</table>

Accessories for Polycart Series

Key
Mounting Bracket
Dawning Filters - Liquid Filter Systems

Cartridge Filter Housings

ECOCART Series (1-3 m³/h)

- Single cartridge stainless steel filter housing
- Light weight construction, easy to operate central bolt closure
- Economical cartridge filter housing
- Inlet/outlet 1" female BSP threaded connection
- Suitable for DOE (double open ended) cartridges 9¾” to 30” length

EKF – 109 - E

<table>
<thead>
<tr>
<th>No. Cartridge</th>
<th>Length of cartridge</th>
<th>Material of Housing</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>9 ¾ “</td>
<td>SS 304</td>
</tr>
<tr>
<td>1</td>
<td>20 “</td>
<td>SS 304</td>
</tr>
<tr>
<td>1</td>
<td>30 “</td>
<td>SS 304</td>
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</table>

Technical Data

<table>
<thead>
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<th></th>
<th>EKF-109-E</th>
<th>EKF-120-E</th>
<th>EKF-130-E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max operating conditions (bar/°C)</td>
<td>10/121</td>
<td>10/121</td>
<td>10/121</td>
</tr>
<tr>
<td>Weight of housing (kg)</td>
<td>3.5</td>
<td>4.5</td>
<td>5.5</td>
</tr>
<tr>
<td>Dimensions (in mm): A</td>
<td>349</td>
<td>603</td>
<td>857</td>
</tr>
<tr>
<td>B</td>
<td>281</td>
<td>535</td>
<td>789</td>
</tr>
<tr>
<td>C</td>
<td>105</td>
<td>105</td>
<td>105</td>
</tr>
<tr>
<td>Connections: inlet / outlet</td>
<td>1” BSP</td>
<td>1” BSP</td>
<td>1” BSP</td>
</tr>
</tbody>
</table>

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Dawning Filters - Liquid Filter Systems

Cartridge Filter Housings

ECOCART Series (5-15 m³/h)

- Multi cartridge stainless steel filter housing
- Light weight construction, easy to operate V-clamp closure
- Economical cartridge filter housing
- Inlet/outlet 2" female BSP threaded connection
- Suitable for DOE (double open ended) cartridges 9¾” to 30” length

<table>
<thead>
<tr>
<th>No. Cartridge</th>
<th>Length of cartridge</th>
<th>Material of Housing</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>9 ¾”</td>
<td>SS 304</td>
</tr>
<tr>
<td>5</td>
<td>20”</td>
<td>SS 304</td>
</tr>
<tr>
<td>5</td>
<td>40”</td>
<td>SS 304</td>
</tr>
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</table>

EKF - 509 - E

Max operating conditions (bar/°C) | EKF-509-E | EKF-520-E | EKF-540-E |
<table>
<thead>
<tr>
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<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>10/121</td>
<td>10/121</td>
<td>10/121</td>
<td></td>
</tr>
</tbody>
</table>

Weight of housing (kg) | 13 | 16 | 23 |

Dimensions (in mm): A 502 | 755 | 1265 |
B 175 | 175 | 175 |
C 267 | 267 | 267 |
D 76 | 76 | 76 |

Connections: inlet / outlet 2” BSP | 2” BSP | 2” BSP |

Technical Data
Dawning Filters - Liquid Filter Systems

Filter Cartridges

LOFWIND Series
- String wound - versatile and low cost
- Polypropylene yarn depth filter element
- Polypropylene core, one piece construction
- Length of cartridges 5"-40"
- Nominal micron rating from 0.5 - 150 µm

<table>
<thead>
<tr>
<th>Length of cartridge (inch)</th>
<th>Winding Material</th>
<th>Core</th>
<th>Nominal micron rating (µm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5, 93/4, 10, 191/2, 20,</td>
<td>Polypropylene</td>
<td>Polypropylene</td>
<td>0.5, 1, 3, 5, 10, 25, 50,</td>
</tr>
<tr>
<td>291/4, 30, 39, 40</td>
<td>Bleached cotton</td>
<td>Stainless steel</td>
<td>75, 100, 150</td>
</tr>
</tbody>
</table>

LOFCLEAN - Series
- Phenolic resin bonded
- Acrylic - long staple fiber depth filter element
- Core support, one piece construction
- Length of cartridge 9¾"-40"
- Nominal micron ratings from 2 -150 µm

<table>
<thead>
<tr>
<th>Length of cartridge (inch)</th>
<th>Material of fiber</th>
<th>Nominal micron rating (µm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>93/4, 10, 191/2, 20,</td>
<td>Acrylic</td>
<td>2, 5, 10, 25, 50, 75, 125, 150</td>
</tr>
</tbody>
</table>
Dawning Filters - Liquid Filter Systems

Filter Cartridges

LOFTREX Series
- Melt-blown - excellent chemical resistance
- Polypropylene fiber filter element
- Core support - free of binding agent
- Length of cartridges 5”-50”
- Nominal micron rating from 1-75 µm @ 80% efficiency

<table>
<thead>
<tr>
<th>Length of cartridge (inch)</th>
<th>Nominal micron rating (µm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5, 93/4, 10, 191/2, 20, 291/4, 30, 39, 40, 50</td>
<td>1, 3, 5, 10, 20, 30, 50, 75</td>
</tr>
</tbody>
</table>

LOFTREX – M series
- Melt-blown - excellent chemical resistance
- Polypropylene fiber filter element
- Core support - free of binding agent
- Length of cartridges 5”-40”
- Nominal micron rating from 1-120 µm @ 95% efficiency

<table>
<thead>
<tr>
<th>Length of cartridge (inch)</th>
<th>Nominal micron rating (µm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5, 93/4, 10, 191/2, 20, 291/4, 30, 39, 40</td>
<td>1, 3, 5, 10, 20, 30, 50, 75, 90, 120</td>
</tr>
</tbody>
</table>
Dawning Filters - Liquid Filter Systems

Filter Cartridges

LOFTOP Series
- Absolute filter cartridges
- 100% high purity polypropylene micro fibers.
- Core support - free of binding agent
- Do not release any fibers
- Length of cartridges 5”-40”
- Filter Fineness: 0.5 – 120 μm

LOFSORB – Series
- Activated carbon cartridges - adsorption DOE filter element
- Excellent adsorption capacity
- Construction does not release activated carbon into the filtrate
- Length of cartridge 4 7/8” - 30”
- Micron ratings from 1 - 10 μm

LT – 10 – 30 – A - G

<table>
<thead>
<tr>
<th>Length of cartridge (inch)</th>
<th>Absolute micron rating (μm)</th>
<th>End Cap/Adapters</th>
</tr>
</thead>
<tbody>
<tr>
<td>5,10, 20, 30, 40</td>
<td>0.5, 1, 3, 5, 10, 20, 30, 50, 70, 90, 120</td>
<td>G, 2, 3, 4, 2V, 3V, 4V</td>
</tr>
</tbody>
</table>

LA - 9 - E - 3 - 01

<table>
<thead>
<tr>
<th>Length of cartridge (inch)</th>
<th>Material of filter element</th>
<th>Nominal micron rating (μm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 7/8, 5, 9 3/4, 10, 20, 30</td>
<td>extruded activated carbon</td>
<td>1 = 1μm  2 = 5 μm  3 = 10 μm</td>
</tr>
</tbody>
</table>
**Dawning Filters** - Liquid Filter Systems

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