

# Liquid Filtration

## 3M Liquid Filter Bag

## PP Extended Felt Bags



### Available Micron Ratings

1, 5, 10 25, 50 and 100

### Materials of Construction and Design

- 100% Polypropylene needle felt
- Extended life felt
- Fibre free surface treatment
- Thermally welded
- Silicon free manufacture
- Positive seal plastic sealing ring/ handle
- Fits most vessels
- Rounded bottom
- 7" Diameter by 32" length (P2)
- Max. temperature – 200 F
- Max. differential pressure – 25 psi

### Features, Advantages and Benefits

Polypropylene media is selected based on performance and consistency to ensure reliable filtration performance. The media is surface treated to prevent fibre contamination downstream.

The extended life felt media increases the filtration media surface area to increase filter life up to 5X dependent upon application

The plastic retaining ring design ensures a positive seal with most filter vessels to ensure bypass free filtration. The ring also acts as a handle for quick bag removal.

The rounded bottom weld configuration ensures a better and more flexible fit to the retainer basket for more support as pressure builds.

The thermal bonding process ensures, bypass free, thread free seams to ensure filtration efficiencies.

The 100% polypropylene construction offers broad chemical compatibility. Consult a plastic resin chemical compatibility chart to ensure appropriate media selection.

The end result is a durable, consistently performing, low cost filter for low flow applications where nominal filtration is all that you need. For higher flow more efficient applications, 3M Series 500 High Efficiency Bags or 3M Sapphire cartridges are recommended.

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