

DUOLINE NM

AMAZON

DISPOSABLE MONOFILAMENT FILTER BAGS

DuoLINE filter bags have been designed to provide effective filtration for a wide range of applications using a variety of filter media. The Monofilament bags can be used for both pre and final filtration duties and are very well suited to the filtration of solutions with high solids contents such as paints, emulsions and other chemical and coating processes.

DuoLINE NM bags are made from Nylon Monofilament media, woven into a cloth that exhibits high flow capacity and offers selective solid separation.

Product Features

- Nylon Monofilament media, rated between 10 - 1000µm
- Precision filtration at all ratings

Three bag diameters are available in the **DuoLINE** range, 4¼, 5½ and 7" all fitted as standard with a top ring locator in various materials and styles.

All **DuoLINE** bags are designed to filter from the inside to out leaving the contamination inside the bag for simple disposal.

Amazon Filters manufacture a comprehensive range of filter housings for the **DuoLINE** bags. Available in many materials and sizes to suit all flow rates, please consult our sales office for further details of the full range.



Precision Nylon Monofilament Mesh

DUOLINE FEATURES AND BENEFITS

- Micron ratings available from 10 to 1000µm for wide ranging filtration needs
- Optional moulded polypropylene flange with handles for superior sealing and ease of handling
- Wide selection of support ring materials
- Identification supplied with every bag
- Silicone free for use in automotive paint applications

DUOLINE NM

TECHNICAL DATA

Maximum Operating Conditions

Temperature 19NM: 135°C*1

Recommended Maximum Differential Pressure: 4 Bar

*1Bags adopting the use of a polypropylene sealing flange have a maximum operating temperature of 95°C.

Dimensional Data

| Bag Size | Length (mm) | Ring Diameter (mm) | Capacity (Litres) | Surface Area (m ²) |
|----------|-------------|--------------------|-------------------|--------------------------------|
| 1M (P3) | 200 | 108 | 1.8 | 0.068 |
| 2M (P4) | 355 | 108 | 3.2 | 0.120 |
| 1A | 420 | 140 | 6.4 | 0.185 |
| 2A | 810 | 140 | 12.5 | 0.356 |
| 3A | 1220 | 140 | 19.0 | 0.536 |
| 1G (P1) | 420 | 178 | 10.0 | 0.235 |
| 2G (P2) | 810 | 178 | 20.0 | 0.453 |
| 3G | 1220 | 178 | 30.0 | 0.682 |

INDUSTRIES AND APPLICATIONS

| | |
|-------------------|---|
| Pharmaceutical | • Bulk transfer, Catalyst removal, Powder trap |
| Cosmetics | • Creams, Lotions, Gels, Filling head trap filter |
| Metal Finishing | • Wash solutions, Paints, Resins, Varnishes |
| Automotive | • Cooling fluid, Electrophoretic paints, Degreasing systems, Phosphate filter |
| Food and Beverage | • Product security trap filters, High solid content product filters |

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