

DuoLINE NM

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. They are manufactured using the latest technology including inverted stitching to ensure structural integrity and provide greater security during demanding process conditions.

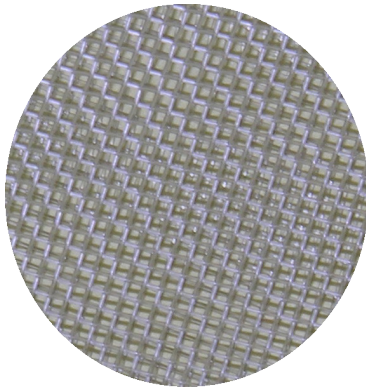
Product Features

- Nylon Monofilament media, rated between 5 - 1000µm
- Precision filtration at all ratings

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

All DuoLine NM 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 NM 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

Features and Benefits

- Micron ratings available from 5 to 1000µm for wide ranging filtration needs
- US FDA CFR Title 21 Food Contact compliant
- Meets the requirements for food contact as detailed in European Directive 2007/19/EC
- 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

Industries and Applications

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|--------------------------|---|
| 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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DuoLine NM Technical Data

Maximum Operating Conditions

Temperature 19NM: 135°C*¹

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

Recommended Maximum Differential Pressure: 4 Bar

Amazon Filters recommend that DuoLine 19 bags are changed at a differential pressure of 2.5 Bar in normal service - the operating condition above should be treated as a maximum differential pressure for short term use.

Please note that operating temperatures greater than ambient will reduce the bags' ability to withstand differential pressure and that the bag should be used with caution at elevated temperatures.

Dimensional Data

Bag Size	Length (mm)*	Ring Diameter	Capacity (Litres)	Surface Area (m ²)
1M (P3)	216	1.8	1.8	0.069
2M (P4)	368	3.0	3.0	0.118
1A	432	6.6	6.6	0.190
2A	788	12.1	12.1	0.347
3A	1118	17.3	17.3	0.495
1G (P1)	433	10.7	10.7	0.242
2G(P2)	825	20.5	20.5	0.461
3G	1194	29.7	29.7	0.668

*Lengths are nominal

Product validation guide available on request.

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