

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 NM 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

*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 1.5 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.

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

Cosmetics

Metal Finishing

Automotive

Food and Beverage

- Bulk transfer, Catalyst removal, Powder trap
- Creams, Lotions, Gels, Filling head trap filter
- Wash solutions, Paints, Resins, Varnishes
- Cooling fluid, Electrophoretic paints, Degreasing systems, Phosphate filter
- Product security trap filters, High solid content product filters

AMAZON FILTERS LTD.

ALBANY PARK ESTATE, FRIMLEY ROAD,
CAMBERLEY, SURREY, GU16 7PG
ENGLAND

Tel: +44 (0) 1276 670 600

Fax: +44 (0) 1276 670 101

Email: sales@amazonfilters.co.uk

Web: www.amazonfilters.com



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