

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.

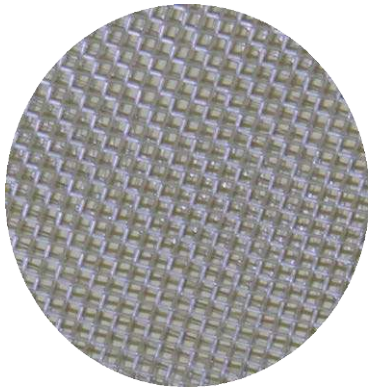
Product Features

- 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

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

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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)	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	1195	140	19.0	0.536
1G (P1)	420	178	10.0	0.235
2G(P2)	810	178	20.0	0.453
3G	1195	178	30.0	0.682

*Lengths are nominal

Product validation guide available on request.

Ordering Guide

19NM	025 -	2	G	T	E	P	
Media	Micron Rating	Length	Ring Type	Option 1	Option 2	Branding	Option 3
19NM - Nylon Monofilament	005 - 5µm 010 - 10 025 - 25 050 - 50 075 - 75 100 - 100 125 - 125 150 - 150 200 - 200 250 - 250 300 - 300 400 - 400 600 - 600 800 - 800 999 - 1000	1 - Single 2 - Double 3 - Triple (A & G type only)	M - 4.25" A - 5.50" G - 7.00"	L - Zinc Plated Ring + Loops T - St.St Ring + Loops Y - Polypropylene Moulded sealing flange (M & G type only)	E - Standard (Silicone Free) Other special options are available on request	P - Plain	B - Individually Bagged

Example: 19NM025-2GTEP = Nylon monofilament media, 25µm rating, Double length, 7" diameter, Stainless steel support ring with loops, Silicone free

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