

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.

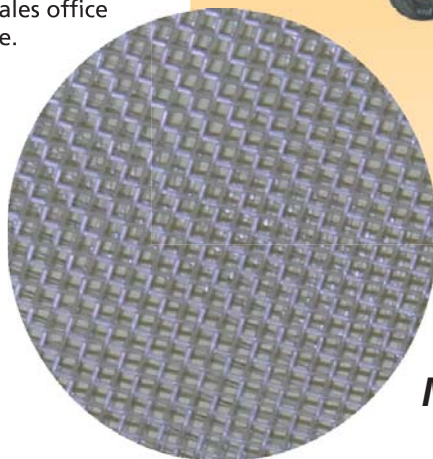
Product Features

- 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

TECHNICAL DATA

Maximum Operating Conditions

Temperature 19NM: 135°C*1

Recommended Maximum Differential Pressure: 4 Bar

*1 Bags 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 (m²)
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

ORDERING GUIDE

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MEDIA NM - Nylon Monofilament	MICRON RATING 010 - 10µm 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	LENGTH 1 - Single 2 - Double 3 - Triple (A & G type only)	RING TYPE M - 4.25" A - 5.50" G - 7.00"	OPTION 1 L - Zinc Plated Ring + Loops T - St.St Ring + Loops Y - Polypropylene Moulded sealing flange (M & G type only)	OPTION 2 E - Standard (Silicone Free) Other special options are available on request				

All bags are available with an optional Nylon Monofilament outer support scrim - please refer to the Sales Office.

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

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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