

DUOMESH

The Amazon logo is displayed in red text within a circular frame.

STAINLESS STEEL LINED BASKET FILTERS



DUOMESH lined basket filters have been designed to be used in standard bag filter housings and to provide cost effective filtration for a wide range of applications. The baskets are manufactured from 316L stainless steel mesh so can be cleaned and reused time and time again. **DUOMESH** basket filters are available in a range of removal ratings from 50 –2000µm so can be used for fine, medium or coarse clarification or as a prefilter to finer filters downstream. They are available as single or double length baskets and in different diameters.

Product Features

- Robust construction in 316L stainless steel
- Available in single or triple layer mesh providing removal ratings from 50 to 2000µm
- Can be supplied as single or double length baskets
- Range of collar sizes available
- Offered with a handle to aid removal from housing
- Consistent and reliable performance under a wide range of process conditions

Filter Housings

Amazon Filters manufacture a comprehensive range of filter housings for the **DUOMESH** baskets. These can be manufactured from a range of metals and in different sizes so can be supplied to suit all flow rates. Please consult our Sales Office for further details on these ranges.



DUOMESH FEATURES AND BENEFITS

- Available in a range of removal ratings so suitable for a wide range of filtration applications
- 316L construction offers wide chemical and process compatibility
- Offered with a handle to aid removal from housing

TECHNICAL DATA

Maximum Operating Conditions

Temperature: 200°C

Recommended Maximum Differential Pressure: 5 Bar

Materials of Construction

316L Stainless Steel

50 and 100µm versions use triple layer media. (870µm upstream and downstream)

Dimensional Data

Bag Size	Length (mm)	Ring Diameter (mm)	Compatible Housings
Single MINI (P3)	200	108	81
Double MINI (P4)	355	108	81
Single Amazon	420	140	82/83/87
Double Amazon	810	140	82/83/87
Triple Amazon	1220	140	82/83/87
Single Universal (P1)	420	178	84/85/86/88/89
Double Universal (P2)	810	178	84/85/86/88/89
Triple Universal	1220	178	84/85/86/88/89

ORDERING GUIDE

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RING SIZE	HANDLE OPTION		LENGTH	MICRON RATINGS		SPECIAL OPTIONS	
M - MINI (4 ¼") A - Amazon (5½") U - Universal (7")	V - With Handle N - No Handle		1 - Single 2 - Double 3 - Triple	0050 - 50µm 0100 - 100 0150 - 150 0200 - 200 0250 - 250 0315 - 315 0400 - 400 0560 - 560 0870 - 870 1000 - 1000 1250 - 1250 1600 - 1600 2000 - 2000			

For detail on lined baskets outside the micron rating range given above, please consult our sales office. The no handle option should only be selected when the basket is being used in conjunction with either a filter bag or a displacement pod.
Example: 80MSV10050 = DuoMesh MINI 4 ¼" basket with handle, Single length, 50µm.

INDUSTRIES AND APPLICATIONS

Food and Beverage	•	General process water
Pharmaceutical	•	Particulate removal from creams, lotions and gels, solids recovery
Fine Chemicals	•	Polymers, acids, bases, solvents
Water Treatment	•	Raw water filtration
Coatings	•	Paints, inks, resins and varnishes

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