

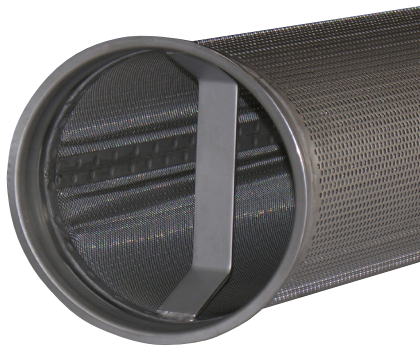
# DuoMesh

## 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, double or triple 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, double or triple 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.



## 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

## Industries and Applications

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



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# DuoMesh Technical Data

## Maximum Operating Conditions

Temperature: 200°C

Recommended Maximum Differential Pressure: 5 Bar g

Standard DuoMesh baskets are not suitable for backwashing, please refer to the sales office for additional information.

## Materials of Construction

316L Stainless Steel

50µm 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)	135	100	81
Double MINI (P4)	295	100	81
Single Amazon	356	124	82/83/87
Double Amazon	716	124	82/83/87
Triple Amazon	1036	124	82/83/87
Single Universal (P1)	369	170	84/85/86/88/89
Double Universal (P2)	729	170	84/85/86/88/89
Triple Universal	1109	170	84/85/86/88/89

# Ordering Guide

80MS	V	1	0050	
Ring Size	Handle Option	Length	Micron Rating	Special Options
80MS - MINI (4 ¼") 80AS - Amazon (5½") 80US - 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	
<p>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.</p>				

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