

# 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

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|--------------------------|--|
| <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

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## Maximum Operating Conditions

Temperature: 200°C

Recommended Maximum Differential Pressure: 5 Bar g

## 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)	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

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