Nylon Syringe Filters



Iris Syringe Filters are used for small volume filtration of liquids, gas and other material-specific applications.
They are made of extractable free virgin polypropylene housings with female luer lock and male luer slip fittings.

New sealing ring design makes itself for high operating pressure and faster filtration. They are produced to exceptional quality standards and eliminate common problems such as leaks and filter ‘blow off’. Colour ring helps in identifying membrane type inside easily.

These syringe filters are ideal for applications in pharmaceutical, environmental, biotechnology, food, beverage and agricultural testing laboratories, used in industries like bioscience, pharmacy, microelectronics, chemistry, food & beverage, etc.

Hydrophilic Nylon membranes are suitable for filtering aqueous solutions and most organic solvents. It is ideal for HPLC, GC or dissolution sample analysis and widely used in most biological preparations, Electric semiconductor, industrial water filtration, chemicals filtration, drinks filtration. Nylon is an extremely clean and strong membrane with very low extractable levels and is a good 'workhorse' membrane choice where acidic samples are not involved.

It is designed with disc membrane that guarantees exceptional integrity when filtering some sample. Then through into non-gap sealing, virgin medical PP material is placed to contain all the disc membrane. It has superior performance to prevent leak of sample solvent and can promise membrane area being used in a large filtration area.

Technical Specification:

Type	Nylon Syringe Filter
Diameter	Ø 13mm
Pore Size	0.22um, 0.45um
Effective Filtration Area (cm2)	1.09
Maximum Pressure	6.0 bar at 20 °C
Maximum Operating Temp.	50° C
Filtration Media	Nylon
Holdup volume (µl)	Less than 25µl
Sample volume (ml)	Less than 10ml
Connectors	Inlet: Female Luer Lock; Outlet: Male Slip Luer
Sterilisation	No
Description	Nylon Syringe Filters Pore Size 0.22µm, Ø 13mm
Max Pressure (PSI)	87 psi at 20 °C
Membrane Material	Nylon
Colour	Natural
Housing Material	Polypropylene
Catalogue Number	IAS13NY022

Technical Data:

Model	Pore Size	Diameter	Pack Size
IAS13NY022	Pore:0.22?m	Diameter: 13mm	100
IAS13NY045	Pore:0.45?m	Diameter: 13mm	100
IAS25NY022	Pore:0.22?m	Diameter: 25mm	100
IAS25NY045	Pore:0.45?m	Diameter: 25mm	100
IAS30NY022	Pore:0.22?m	Diameter: 30mm	100
IAS30NY045	Pore:0.45?m	Diameter: 30mm	100



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