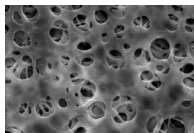




TECHNICAL DATA SHEET



Description

Regenerated cellulose membrane filter, FILTER-LAB®
ref. MRC pore 0,22 µm 47 mm. diameter. Pack 100 units

Product code

MRC022047N



FILTER-LAB® catalogue 2017
Pages 106 - 107

Advantages

- Hydrophilic nature.
- Low non-specific protein adsorption
- Excellent mechanical resistance.
- Autoclavable at 121°C.
- Resistant to high temperatures
- Good chemical compatibility with some solvents and acetonitrile

Applications

- Mobile Phases in HPLC
- Filtration of aqueous samples
- Analytical preparation of samples
- Chromatography
- Clarification of samples
- Analysis with protein chemistry
- Filtration of organic samples

TECHNICAL SPECIFICATIONS

Code	MRC022047N
Pore	0,22 µm
Thickness	0,160 – 0,200 mm.
Surface	Smooth
Bubble point with water (mínimum value)	63,8 psi
Flow rate with water (p= 14,5 psi)	16 ml/min/cm²
Maximum temperature of use	≤ 180 °C
Maximum work pressure	8,7 psi
Extractables with water	< 1 %
Chemical compatibility	3 – 12 pH
Reaction to water	Hydrophilic
Sterilizations	Autoclaving to 121°C or 134°C / dry heat at 180°C / γ-radiation / ethylene oxide
Membrane material	Regenerated cellulose reinforced with nonwoven
Color	White
Diameter	47 mm.
Format	Non sterile
Pack	100 units

RELATED PRODUCTS

Regenerated cellulose membrane filters

Hydrophilic membrane compatible with various solvents including acetonitrile

Description

The regenerated cellulose is a membrane with excellent resistance to temperature (up to 180 ° C) and outstanding mechanical strength.

Its chemical resistance is high (pH 3-12) and in the case of biological sample filtration it is characterized by a very low non-specific adsorption of proteins (<10 µg / cm² of bovine serum albumin)

It is supplied in various pores of 0.22 µm and 0.45 µm; 25 and 47 mm in diameter.

INFORMATION FOR ORDERS. Regenerated cellulose membrane filters

	Code	Membrane material	Diameter	Pore size	Color	Surface	Format	Quantity
25 mm	MRC022025N	Regenerated cel.	25 mm	0.22 µm	white	smooth	non	100 units
	MRC022025N	Regenerated cel.	25 mm	0.45 µm	white	smooth	non	100 units
47 mm	MRC022047N	Regenerated cel.	47 mm	0.22 µm	white	smooth	non	100 units
	MRC010047N	Regenerated cel.	47 mm	0.45 µm	white	smooth	non	100 units



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