

NYLON MEMBRANES

Recommended for filtration, sterilisation and clarifications in HPLC processes with aqueous, alkaline and organic samples

- Made entirely of polyamide
- Hydrophilic
- Resistant to many solvents and alkali – solutions, pH range 3-14
- High non-specific adsorption
- Pore size 0.20 µm and 0.45µm
- Filter diameters from 13 mm to 293 mm
- White and plain

Technical specifications

Material	Pore µm	Thickness (1) µm	Flow rate (2) ml/min	Bubble point (3) bar
Nylon	0.20	115	12	3.4
	0.45	115	26	2.2

(1) Acc. DIN 53105

(2) Acc. DIN 58355: average value per cm² area at Ap = 1 bar

(3) Acc. DIN 58355

- Adsorption : bovine serum albumin 100 ug/cm² (for 0.2 um pore size)
- Extractable with water less than 1%
- Sterilization: by Autoclaving (at 121°C or 134°C) or ethylene oxide
- Maximum temperature 134 °C (heat stable)

Applications:

- Particle removing filtration of water, and aqueous solutions and solvents for HPLC
- Isolating *Legionella*
- These filters are not recommended for applications like sterilisation of cell solutions as they can cause significant loss of tracers. For these applications, it is preferable to use ALBET (AC) cellulose acetate membranes, which have a low level of adsorption.

Ordering information

		White plain membrane	
Ø	Quality	NY020... 0.20 µm	NY045... 0.45 µm
	13 mm		NY02013BL
25 mm		NY02025BL	NY04525BL
47 mm		NY02047BL	NY04547BL
90 mm		NY02090BL*	NY04590BL*
142 mm		NY020142BL*	NY045142BL*
293 mm		NY020293BL*	NY045293BL*

Presentation: 100 units / box

*Presentation: 25 units / box

Other sizes available on request.