

## **REGENERATED CELLULOSE MEMBRANE FILTERS**

**Recommended for clarification, sterilisation and filtration of organic solutions and aqueous-non aqueous samples**

- Made of regenerated cellulose, reinforced with non-woven cellulose
- Hydrophilic
- Easily wettable
- Low non-specific of adsorption
- Resistant to almost all solvents and aqueous solutions in pH range 3-12.
- Pore size 0.20 µm and 0.45 µm
- Filter diameters from 13 mm to 293 mm
- White and plain

### **Technical specifications:**

<b>Material</b>	<b>Pore µm</b>	<b>Thickness (1) µm</b>	<b>Flow rate (2) ml/min</b>	<b>Bubble point (3) bar</b>
<b>Regenerated cellulose</b>	0.20	160	16	4.4
	0.45	160	28	2.8

(1) Acc. DIN 53105

(2) Acc. DIN 58355: Average value per cm<sup>2</sup> area at Ap = 1 bar

(3) Acc. DIN 58355

- Adsorption: < 10 µg/cm<sup>2</sup> for Bovine serum albumin
- Extractable with water less than 1%
- Sterilization : by autoclaving at 121°C or 134°C, dry heat (180°C), γ-radiation (25 kGy) or with ethylene oxide
- Maximum temperature 180 °C (heat stable)

### **Applications:**

- Recommended for particle removal from organic solvents or mixtures of aqueous and non-aqueous samples.
- Sterilisation of organic and aqueous solutions and their mixtures
- For mobile phases of HPLC

### **Ordering information**

		<b>White plain membrane</b>	
<b>Ø</b>	<b>Quality</b>	<b>CR020... 0.20 µm</b>	<b>CR045... 0.45 µm</b>
	<b>13 mm</b>		CR02013BL
<b>25 mm</b>		CR02025BL	CR04525BL
<b>47 mm</b>		CR02047BL	CR04547BL
<b>142 mm</b>		CR020142BL*	CR045142BL*
<b>293 mm</b>		CR020293BL*	CR045293BL*

Presentation: 100 units / box

\*Presentation: 25 units / box

Other sizes available on request