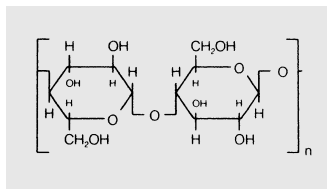
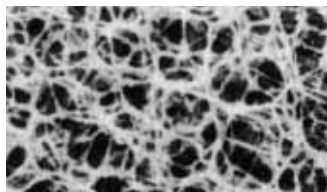


## Chemical Resistant RC-membrane Filters, Type 184, for the Filtration of Organic Solvents



These solvent-resistant, hydrophilic membrane filters are excellently suited for their major application, particle removal from solvents.

Regenerated cellulose membranes also feature low non-specific adsorption.

The 50 mm diameter, 0.45  $\mu\text{m}$  pore size filter, for example, is standardly used to ultraclean and de-gas solvents and mobile phases for HPLC, in combination with the all-glass holder described on page 43.

### Typical performance for regenerated cellulose membrane filters

Adsorption	Bovine serum albumin approx. <math>10 \mu\text{g}/\text{cm}^2</math>
Bubble point acc. DIN 58355	Min. values, wetted with water, 4.4 bar (440 kPa, 63.8 psi) for 0.2 $\mu\text{m}$ , 2.8 bar (280 kPa, 40.6 psi) for 0.45 $\mu\text{m}$
Chemical compatibility	Resistant to almost all solvents (see list above) and against aqueous solutions in the pH-range 3–12. Further details on page 110.
Extractables with water	Less than 1%
Flow rate acc. DIN 58355	Average value per $\text{cm}^2$ area for water at 1 bar (100 kPa, 14.5 psi) pressure, 16 ml/min for 0.2 $\mu\text{m}$ , 28 ml/min for 0.45 $\mu\text{m}$ pore size.
Material	Regenerated cellulose, reinforced with non-woven cellulose
Sterilization	By autoclaving (at 121°C or 134°C), Dry heat (180°C), and gamma radiation (25 kGy) or with ethylene oxide
Thickness acc. DIN 53105	160–200 $\mu\text{m}$

### Order numbers for regenerated cellulose membrane filters, type 184

13 mm diameter	18406-013 N	0.45 $\mu\text{m}$ , pack of 100
	18407-013 N	0.2 $\mu\text{m}$ , pack of 100
25 mm diameter	18407-025 N	0.2 $\mu\text{m}$ , pack of 100
47 mm diameter	18406-047 N	0.45 $\mu\text{m}$ , pack of 100
	18407-047 N	0.2 $\mu\text{m}$ , pack of 100
50 mm diameter	18407-050 N	0.2 $\mu\text{m}$ , pack of 100
100 mm diameter	18406-100 G	0.45 $\mu\text{m}$ , pack of 25
142 mm diameter	18406-142 G	0.45 $\mu\text{m}$ , pack of 25
	18407-142 G	0.2 $\mu\text{m}$ , pack of 25
	18407-142 N	0.2 $\mu\text{m}$ , pack of 100
293 mm diameter	18406-293 G	0.45 $\mu\text{m}$ , pack of 25
	18407-293 G	0.2 $\mu\text{m}$ , pack of 25

Special brochure for all membrane filters available. Order no. SM-1503-e