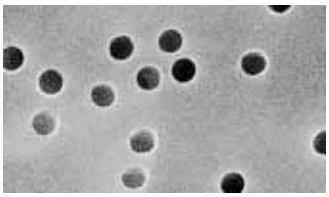
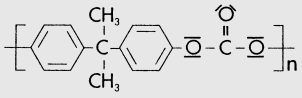
Polycarbonate Track-Etch-Membrane Filters, Type 230, for the Analysis of Particles





Polycarbonate Track-Etch-Membranes are manufactured from high grade polycarbonate film using track-etch technology. They retain particles on their surfaces. Their capillary pore structure is uniform and precise, with a narrow pore size distribution. Track-etch membranes are an excellent choice for accurate fractionation of particulates because of their precise pore size. In addition, their smooth, flat surface results in high particulate visibility.

Track-etch technology offers the user distinct performance advantages when excellent surface capture and high sample visibility are required. Applications: Particulate analysis, epifluorescence microscopy, fluid clarification, cytology, cell biology, bioassays, water microbiology, environmental analysis.

Typical perfomance for polycarbonate membrane filters

Bubble point acc. DIN 58355	Minimum value for 0.2 µm = 4.8 bar (69.6 psi), for 0.4 µm 2.5 bar (36.3) psi
Chemical compatibility	See table page 110
Extractables	Low
Flow rate for water	20 ml/min/cm^2 for 0.2 µm, 70 ml/min/cm^2 for 0.4 µm
Porosity	<15%
Material	Polycarbonate
Sterilization	By autoclaving at 121° C
Thermal stability	Max. temperature 140° C
Thickness acc. DIN 53105	6–11 µm

Order numbers for polycarbonate membrane filters, type 230

25 mm diameter	23007-25 N	0.2 µm, pack of 100
	23006-25 N	0.4 µm, pack of 100
47 mm diameter	23007-47 N	0.2 µm, pack of 100
	23006-47 N	0.4 µm, pack of 100

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