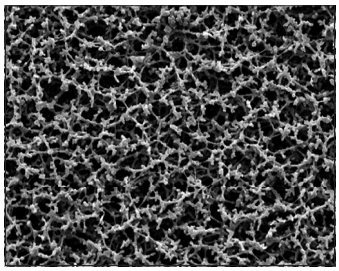
Cellulose Nitrate (Mixed Cellulose Ester)



Cellulose nitrate membrane filters are indicated for many general laboratory applications where a membrane with a high non-specific adsorption is suitable. They are hydrophilic, have high flow rates thanks to their symmetric structure and are compatible with aqueous solutions (pH 4 to 8), hydrocarbons and several other organic solvents. The cellulose nitrate membranes are available in different pore sizes from 0.2 µm to 8 µm.

Technical Specifications and Typical Performance Characteristics

Type	Pore Size (µm)	Thickness (µm)	Bubble Point (bar)	Water Flow Rate (mL/min/cm²/bar)	Burst Pressure (bar)
11327	0.2	130	≥ 4.4	25	≥ 0.8
11306	0.45	120	≥ 2.4	68	≥ 0.2
11305	0.65	130	≥ 2	102	≥ 0.25
11304	0.8	130	≥ 1.5	5*	≥ 0.2
11303	1.2	130	≥ 1	7*	≥ 0.2
11302	3	140	≥ 0.6	16*	≥ 0.15
11342	5	140	≥ 0.5	25*	≥ 0.15
11301	8	140	≥ 0.3	37*	≥ 0.15

*Flow rate for air [L/(m²s)])

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Ordering Information



Filter Discs

Ø (mm)	0.2 µm	0.45 µm	0.65 µm	0.8 µm	1.2 µm	3 µm	5 µm	8 µm
13	11327--13------N	11306--13------N		11304--13------N	11303--13------N	11302--13------N	11342--13------N	11301--13------N
20				11304--20-----N				
25	11327--25------N	11306--25------N	11305--25------N	11304--25------N	11303--25------N	11302--25------N	11342--25------N	11301--25------N
37								11301--37------N
47	11327--47------N	11306--47------N	11305--47------N	11304--47------N	11303--47------N	11302--47------N	11342--47------N	11301--47------N
50		11306--50------N	11305--50------N	11304--50------N	11303--50------N	11302--50------N	11342--50------N	11301--50------N
70								11301--70-----G
90		11306--90------N		11304--90------G	11303--90------G	11302--90------G		
100		11306-100------N		11304-100------G	11303-100------G	11302-100------G		11301-100------N
142	11327-142------N	11306-142------N	11305-142------G	11304-142------G 11304-142------N	11303-142------G 11303-142------N	11302-142------G	11342-142------G 11342-142------N	11301-142------G
150								11301-150------G
293		11306-293------G 11306-293------N	11305-293------G	11304-293------G 11304-293------N	11303-293------G	11302-293------G	11342-293------G	11301-293------G

G = 25 filters, N = 100 filters | Other dimensions and quantities per package are available on request

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