

Filters, transfer membranes, nitrocellulose, Protran®

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Whatman®

Improved to give the highest tensile strength available making brittleness, sometimes associated with nitrocellulose, a thing of the past.

Compatible with a variety of detection methods, including isotopic, chemiluminescent (luminol-based), colorimetric and fluorescent.

Protran BA83 (0.2µm) has a high surface area, ensuring binding of small proteins below 20kDa by reducing 'blow-through'.

Protran BA85 (0.45µm) is ideal for larger molecular weight samples.

- Made from 100% pure nitrocellulose to ensure the highest binding capacity possible and the best handling strength of all pure nitrocellulose membranes
- Prior to transfer, the membrane is simply wetted in water, and then placed in the transfer buffer. No other pre-treatment steps are necessary
- Empirical evidence shows that proteins maintain molecular recognition activity for five years on Protran
- High binding, low background: Superior signal-to-noise ratios, without the need for stringent washing conditions

Protran BA-83 standard

Catalogue No	Alt. No	Dimensions, mm	Pore size, µm	Pack qty
BRD-100-510F	10401316	82 (dia.)	0.2	50
BRD-100-520C	10401391	200 x 200	0.2	25
BRD-100-540T	10401396	300 x 3,000 roll	0.2	1

1 Protran BA-85 standard

Catalogue No	Alt. No	Dimensions, mm	Pore size, µm	Pack qty
BRD-100-610B	10401116	82 (dia.)	0.45	50
BRD-100-620V	10401164	87 (dia.)	0.45	50
BRD-100-630S	10401147	137 (dia.)	0.45	25
BRD-100-640P	10401191	200 x 200	0.45	25
BRD-100-660J	10401196	300 x 3,000 roll	0.45	1



Filters, transfer membranes, nitrocellulose, Optitran®

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Made from 100% nitrocellulose, this membrane is supported by an inert polyester non-woven material within the membrane. The support does not affect transfer conditions or results and gives the membrane exceptional handling characteristics, allowing it to be reprobed repeatedly.

- High sensitivity with very low non-specific binding. Using standard nitrocellulose protocols, stringent washing and blocking conditions are not necessary
- The combination of flexibility, strength and excellent signal-to-noise ratios makes the Optitran membrane ideal, especially when experiments involve repeated stripping and reprobing
- Optitran binding capacity: 75 to 90µg/cm²; autoclavable (liquid cool cycle)

Optitran BA-S 83 reinforced

Catalogue No	Alt. No	Dimensions, mm	Pore size, µm	Pack qty
BRD-100-310N	10439316	82 (dia.)	0.2	50
BRD-100-320K	10439391	200 x 200	0.2	25
BRD-100-330H	10439396	300 x 3,000 roll	0.2	1

Optitran NA-S 85 reinforced

Catalogue No	Alt. No	Dimensions, mm	Pore size, µm	Pack qty
BRD-100-410J	10439116	82 (dia.)	0.45	50
BRD-100-440A	10439191	200 x 200	0.45	25
BRD-100-460R	10439194	200 x 3,000 roll	0.45	1
BRD-100-470X	10439196	300 x 3,000 roll	0.45	1



Filters, transfer membranes, blotting, 3MM

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Extensively used for blotting electrophoretic gels, this thick (0.34mm), smooth surfaced paper is also used for paper chromatography and electrophoresis when higher sample loadings are required.

Sheets

Catalogue No	Alt. No	Width, mm	Length, mm	Pack qty
CJF-500-050X	3030-917	460	570	100
CJF-500-150K	3030-861	200	200	100
CJF-500-170E	3030-335	315	355	100
CJF-500-190V	3030-931	580	680	100

Reels

Catalogue No	Alt. No	Width, mm	Length, m	Pack qty
CJF-240-020T	3030 614	20	100	1
CJF-240-090V	3030 672	100	100	1
CJF-240-130M	3030 681	150	100	1
CJF-240-150G	3030-690	190	100	1
CJF-240-170A	3030-700	230	100	1
CJF-240-190R	3030 704	270	100	1

