

Gel Blotting Papers, Whatman Schleicher & Schuell

① PROTRAN® nitrocellulose

PROTRAN® is the classical blotting membrane for immobilizing DNA, RNA and proteins. It is manufactured from 100% nitrocellulose without any cellulose-acetate and triton traces. Many blotting and detection methods have been developed with this membrane because it combines excellent binding properties for proteins and nucleic acids with optimum background properties and suitability for all detection methods. The new recipe for the PROTRAN® now offers much improved stability and therefore even greater ease of handling.

Type	Pore size µm	Binding capacity µg/cm ²	Format	Order No.	PU pc/Pack
PROTRAN® BA 85	0.45	75– 85	Sheet Ø 82 mm	26 02 01116	50
PROTRAN® BA 85	0.45	75– 85	Sheet Ø 132 mm	26 02 01124	25
PROTRAN® BA 85	0.45	75– 85	Sheet 63×228 mm	26 02 01193	10
PROTRAN® BA 85	0.45	75– 85	Sheet 102×133 mm	26 02 01188	10
PROTRAN® BA 85	0.45	75– 85	Sheet 200×200 mm	26 02 01191	25
PROTRAN® BA 85	0.45	75– 85	Sheet 300×600 mm	26 02 01180	5
PROTRAN® BA 85	0.45	75– 85	Reel 200mm/3m	26 02 01197	1
PROTRAN® BA 85	0.45	75– 85	Reel 300mm/3m	26 02 01196	1
PROTRAN® BA 83	0.2	80– 90	Sheet Ø 82 mm	26 02 01316	50
PROTRAN® BA 83	0.2	80– 90	Sheet Ø 132 mm	26 02 02426	50
PROTRAN® BA 83	0.2	80– 90	Sheet 200×200 mm	26 02 01391	25
PROTRAN® BA 83	0.2	80– 90	Sheet 300×600 mm	26 02 01380	5
PROTRAN® BA 83	0.2	80– 90	Reel 200mm/3m	26 02 02495	1
PROTRAN® BA 83	0.2	80– 90	Reel 300mm/3m	26 02 01396	1
PROTRAN® BA 79	0.1	85–110	Reel 300mm/3m	26 02 02096	1

❗ Available only in original packaging units. No fractions possible.



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② OPTITRAN® polymer backing supported nitrocellulose

OPTITRAN® is manufactured from 100% nitrocellulose and is reinforced by a thin, inert fibrous web. It has the same binding and detection properties as PROTRAN®. OPTITRAN® is recommended for applications in which extra-high mechanical stability counts.

Type	Pore size µm	Binding capacity µg/cm ²	Format	Order No.	PU pc/Pack
OPTITRAN® BA-S 85	0.45	75–85	Sheet Ø 82 mm	26 02 39116	50
OPTITRAN® BA-S 85	0.45	75–85	Sheet Ø 132 mm	26 02 39124	25
OPTITRAN® BA-S 85	0.45	75–85	Sheet 102×133 mm	26 02 39188	10
OPTITRAN® BA-S 85	0.45	75–85	Sheet 200×200 mm	26 02 39191	25
OPTITRAN® BA-S 85	0.45	75–85	Reel 200mm/3m	26 02 39194	1
OPTITRAN® BA-S 85	0.45	75–85	Reel 300mm/3m	26 02 39196	1
OPTITRAN® BA-S 83	0.2	80–90	Sheet 102×133 mm	26 02 39388	10
OPTITRAN® BA-S 83	0.2	80–90	Sheet 200×200 mm	26 02 39391	25
OPTITRAN® BA-S 83	0.2	80–90	Reel 200mm/3m	26 02 39394	1
OPTITRAN® BA-S 83	0.2	80–90	Reel 300mm/3m	26 02 39396	1

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③ NYTRAN® nylon membrane

NYTRAN® nylon membranes have extra-high mechanical stability which is advantageous for the multiple hybridization of DNA/RNA blots. The amphoteric nylon membrane for all neutral and alkaline nucleic acid blots and colony and plaque lifts. NYTRAN® has excellent background properties for radioactive verifications and non-radioactive verifications in colorimetric or chemiluminescence detection.

Type	Pore size µm	Binding capacity µg/cm ²	Format	Order No.	PU pc/Pack
NYTRAN® -N.45	0.45	400	Sheet Ø 82 mm	26 02 16116	50
NYTRAN® -N.45	0.45	400	Sheet Ø 132 mm	26 02 16124	50
NYTRAN® -N.45	0.45	400	Sheet 200×200 mm	26 02 16185	10
NYTRAN® -N.45	0.45	400	Sheet 102×133 mm	26 02 16188	10
NYTRAN® -N.45	0.45	400	Reel 200mm/3m	26 02 16194	1
NYTRAN® -N.45	0.45	400	Reel 300mm/3m	26 02 16196	1
NYTRAN® -N.2	0.2	400	Reel 200mm/3m	26 02 16094	1
NYTRAN® -N.2	0.2	400	Reel 300mm/3m	26 02 16096	1

❗ Available only in original packaging units. No fractions possible.



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④ NYTRAN®-SuPerCharge

The positively charged nylon membrane with extra-high binding capacity for all nucleic acid blots. NYTRAN® SuPerCharge is suitable for radioactive verifications and non-radioactive verifications in chemiluminescence detection.

Type	Pore size µm	Binding capacity µg/cm ²	Format	Order No.	PU pc/Pack
NYTRAN®-SPC	0.45	550–600	Sheet Ø 82 mm	26 02 16216	50
NYTRAN®-SPC	0.45	550–600	Sheet Ø 132 mm	26 02 16224	50
NYTRAN®-SPC	0.45	550–600	Sheet 82×120 mm	26 02 16257	10
NYTRAN®-SPC	0.45	550–600	Sheet 200×200 mm	26 02 16285	10
NYTRAN®-SPC	0.45	550–600	Reel 200mm/3m	26 02 16294	1
NYTRAN®-SPC	0.45	550–600	Reel 300mm/3m	26 02 16296	1

❗ Available only in original packaging units. No fractions possible.



⑤ WESTRAN® S PVDF membrane

WESTRAN® is the hydrophobic blotting membrane with high chemical resistance. It is therefore ideally suitable for all protein blots with follow-on protein sequencing (Edman decomposition).

Type	Pore size µm	Binding capacity µg/cm ²	Format	Order No.	PU pc/Pack
WESTRAN® S	0.2	125	Sheet 200×200 mm	26 02 85291	10
WESTRAN® S	0.2	125	Roll 260mm/3.1m	26 02 13096	1

❗ Available only in original packaging units. No fractions possible.



⑥ WESTRAN® S Clear Signal

WESTRAN® Clear Signal is specially designed for Western blotting and protein dot-blotting applications. The membrane offers a high binding capacity and powerful signals for a wide range of molecular weights.

Type	Pore size µm	Binding capacity µg/cm ²	Format	Order No.	PU pc/Pack
WESTRAN® CS	0.45	200	Sheet 200×200 mm	26 02 85288	10
WESTRAN® CS	0.45	200	Reel 300mm/3m	26 02 85289	1

❗ Available only in original packaging units. No fractions possible.

