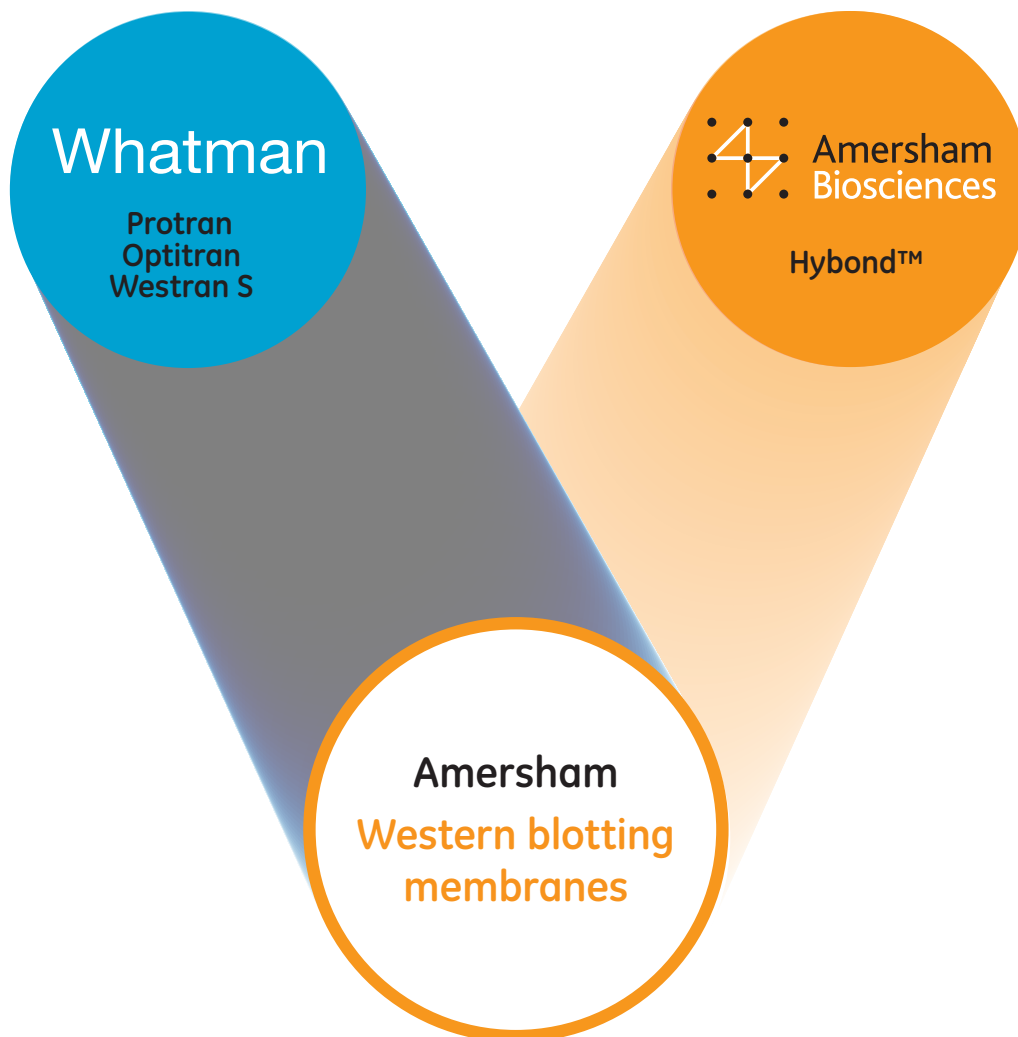


# Two great brands join forces

New Amersham™ Western blotting membranes



# Joining forces!

*We have combined Whatman and Hybond Western blotting membrane products to give you two new product families: Amersham Protran nitrocellulose and Amersham Hybond PVDF membranes.*

We have simplified our membrane portfolio in order to make it easier for you to select the membranes you need. Our nitrocellulose Western blotting and PVDF membranes are now called Amersham Protran and Amersham Hybond, respectively.

To make sure that you continue to enjoy the same excellent product quality, we have retained the composition of the membranes; although we have changed the length of the rolls, sizes of sheets, and product packaging. The exception will be the material used to manufacture the current Hybond-P and Whatman Westran CS range will be replaced by a new Amersham Hybond P 0.45 material.

We now offer Amersham Hybond 0.2, which is a new PVDF 0.2  $\mu\text{m}$  membrane for chemiluminescence Western blotting of smaller proteins and peptides in addition to a new and comprehensive range of ready-to-go membrane sandwiches that are made to fit the most commercially available gel sizes.


This guide contains a listing of the existing old catalog items together with the equivalent new item in order to make it easier for you to order the new membranes.




# Ordering information for the new Western blotting membranes

## Nitrocellulose membranes


### Amersham Protran

			Same material as before		
			BA79	BA83	BA85
Nitrocellulose Membrane	Size	Quantity	0.1 µm	0.2 µm	0.45 µm
	30 cm × 4 m	1 roll	45004000	45004001	45004002
	20 cm × 4m	1 roll	45004005	45004006	45004007
	15 cm × 4m	1 roll	45004010	45004011	45004012
	300 × 600 mm	5 sheets	45004023	45004024	45004025
	200 × 200 mm	10 sheets	45004036	45004034	45004032
	200 × 200 mm	25 sheets	45004035	45004033	45004031
	140 × 160 mm	25 sheets	45004050	45004049	45004048
	100 × 100 mm	10 sheets	45004060	5004058	45004056
	100 × 100 mm	25 sheets	45004059	45004057	45004055
	80 × 90 mm	25 sheets	45004074	45004073	45004072


### Amersham Protran Premium


			Same material as before	
			Hybond-ECL 0.2	Hybond-ECL 0.45
Nitrocellulose membrane	Size	Quantity	0.2 µm	0.45 µm
	30 cm × 4 m	1 roll	45004004	45004003
	20 cm × 4m	1 roll	45004009	45004008
	15 cm × 4m	1 roll	45004014	45004013
	300 × 600 mm	5 sheets	45004027	45004026
	200 × 200 mm	10 sheets	45004040	45004038
	200 × 200 mm	25 sheets	45004039	45004037
	140 × 160 mm	25 sheets	45004052	45004051
	100 × 100 mm	10 sheets	45004064	45004062
	100 × 100 mm	25 sheets	45004063	45004061
	80 × 90 mm	25 sheets	45004076	45004075


### Amersham Protran supported


			Same material as before	
			BAS83	BAS85
Nitrocellulose membrane	Size	Quantity	0.2 µm	0.45 µm
	30 cm × 4 m	1 roll	45004015	45004016
	20 cm × 4m	1 roll	45004029	45004028
	15 cm × 4m	1 roll	45004044	45004042
	300 × 600 mm	5 sheets	45004029	45004028
	200 × 200 mm	10 sheets	45004044	45004042
	200 × 200 mm	25 sheets	45004043	45004041
	140 × 160 mm	25 sheets	45004054	45004053
	100 × 100 mm	10 sheets	45004066	45004068
	100 × 100 mm	25 sheets	45004065	45004067
	80 × 90 mm	25 sheets	45004078	45004077

## PVDF membranes

New! Amersham Hybond PVDF			New	
	Size	Quantity	Code number 0.2 µm	Code number 0.45 µm
	300 mm × 4 m	1 roll	-	45004110
	260 mm × 4 m	1 roll	45004021	-
	150 mm × 4 m	1 roll	-	45004111
	260 × 600 mm	5 sheets	45004030	-
	300 × 600 mm	5 sheets	-	45004112
	200 × 200 mm	10 sheets	45004046	-
	200 × 200 mm	25 sheets	45004045	-
	140 × 160 mm	25 sheets	-	45004113
	100 × 100 mm	10 sheets	45004070	45004115
	100 × 100 mm	25 sheets	45004069	45004114
	80 × 90 mm	25 sheets	45004079	45004116

Amersham Hybond LFP 0.2 µm PVDF			Same material as former Hybond-LFP	
	Size	Quantity	Code number	
	25.4 cm × 4 m	1 roll	45004095	
	254 × 600 mm	5 sheets	45004096	
	200 × 200 mm	10 sheets	45004097	
	100 × 100 mm	10 sheets	45004099	
	100 × 100 mm	25 sheets	45004098	
	80 × 90 mm	25 sheets	45004100	

Amersham Hybond SEQ 0.2 µm PVDF			Same material as former Westran S	
	Membrane	Quantity	Code number	
	260 cm × 4 m	1 roll	45004022	
	200 × 200 mm	10 sheets	45004047	
	100 × 100 mm	10 sheets	45004071	

New! Amersham Protran Nitrocellululose membrane and Amersham Hybond PVDF membrane Sandwiches			New		
	Size	Quantity	0.1 µm	0.2 µm	0.45 µm
	<b>Amersham Protran Sandwiches</b>				
	140 × 160 mm	10 sandwiches	45004082	45004081	45004080
	80 × 90 mm	10 sandwiches	45004089	45004088	45004087
	<b>Amersham Protran Premium Sandwiches</b>				
	140 × 160 mm	10 sandwiches	-	45004084	45004083
	80 × 90 mm	10 sandwiches	-	45004091	45004090
	<b>Amersham Protran Supported Sandwiches</b>				
	140 × 160 mm	10 sandwiches	-	45004086	45004085
	80 × 90 mm	10 sandwiches	-	45004093	45004092
	<b>Amersham Hybond Sandwiches</b>				
	140 × 160 mm	10 sandwiches	-	-	45004117
80 × 90 mm	10 sandwiches	-	45004094	45004118	
<b>Amersham Hybond LF Sandwiches</b>					
80 × 90 mm	10 sandwiches	-	45004101	-	

# Part II: Migration Guide

## Migrating to the new Western blotting membranes

### Protran 0.45 µm nitrocellulose membranes

Same product material as BA85

Protran BA85 0.45 µm			Amersham Protran 0.45		
Membrane	Quantity	Old catalog code number	Membrane	Quantity	New catalog code number
30 cm × 3 m	1 roll	09301108	30 cm × 4 m	1 roll	45004002
20 cm × 3 m	1 roll	09301109	20 cm × 4 m	1 roll	45004007
15 cm × 3 m	1 roll	09301137	15 cm × 4 m	1 roll	45004012
300 × 600 mm	5 sheets	09301106	300 × 600 mm	5 sheets	45004025
30 cm × 3 m	1 roll	45000928	30 cm × 4 m	1 roll	45004002
20 cm × 3 m	1 roll	45000851	20 cm × 4 m	1 roll	45004007
70 × 85 mm	20 sandwiches	09925100	80 × 90 mm	10 sandwiches	45004014
250 × 250 mm	5 sheets	09301140	No replacement	-	-
330 × 560 mm	5 sheets	09301134	No replacement	-	-
150 × 150 mm*	10 sheets	09301138	200 × 200 mm	10 sheets	45004032
200 × 200 mm	5 sheets	09301139	200 × 200 mm	10 sheets	45004032
200 × 200 mm	25 sheets	09301107	200 × 200 mm	25 sheets	45004031
150 × 150 mm	25 sheets	09301111	200 × 200 mm	25 sheets	45004031
85 × 120 mm	10 sheets	09301110	No replacement	-	-
102 × 133 mm	10 sheets	09301135	140 × 160 mm	25 sheets	45004048
63 × 228 mm	10 sheets	09301136	No replacement	-	-

\* This item is being replaced by more than one alternative

\*\* Product discontinued June 2013 please see Discontinuation reminder on page 8

### Protran 0.2 µm nitrocellulose membranes

Same product material as BA83

Protran BA83 0.2 µm			Amersham Protran 0.2		
Membrane	Quantity	Old catalog code number	Membrane	Quantity	New catalog code number
30 cm × 4 m	1 roll	09301115	30 cm × 4 m	1 roll	45004001
20 cm × 4 m	1 roll	09301128	20 cm × 4 m	1 roll	45004006
15 cm × 3 m	1 roll	09301124	15 cm × 4 m	1 roll	45004011
300 × 600 mm	5 sheets	09301113	300 × 600 mm	5 sheets	45004024
330 × 560 mm	5 sheets	09301125	No replacement	-	-
150 × 200 mm	10 sheets	09301116	200 × 200 mm	10 sheets	45004034
150 × 150 mm*	5 sheets	09301121	200 × 200 mm	10 sheets	45004034
200 × 200 mm	5 sheets	09301122	200 × 200 mm	10 sheets	45004034
200 × 200 mm	25 sheets	09301114	200 × 200 mm	25 sheets	45004033
70 × 85 mm	20 sandwiches	09925100	80 × 90 mm	10 sandwiches	45004087
63 × 228 mm	10 sheets	09301127	No replacement	-	-

\* This item is being replaced by more than one alternative

## Protran 0.1 µm nitrocellulose membranes

Same product material as BA79

Protran BA79 0.1 µm		
Membrane	Quantity	Old catalog code number
30 cm × 3 m	1 roll	09301120
200 × 200 mm	5 sheets	09301117
200 × 200 mm	25 sheets	09301119



Amersham Protran 0.1		
Membrane	Quantity	New catalog code number
30 cm × 4 m	1 roll	45004000
200 × 200 mm	10 sheets	45004036
200 × 200 mm	25 sheets	45004035

## Hybond ECL 0.45 µm nitrocellulose membranes

Same product material as Hybond-ECL 0.45

Hybond ECL 0.45 µm		
Membrane	Quantity	Old catalog code number
30 cm × 3 m	1 roll	45000929
20 cm × 3 m	1 roll	45001229
200 × 200 mm	10 sheets	45000839
150 200 mm	10 sheets	45001228
90 × 105 mm	10 sheets	45001224
100 × 100 mm	10 sheets	45001226
60 × 80 mm	50 sheets	45000948
75 × 80 mm	10 sheets	45002485
70 × 80 mm	50 sheets	45001231
20 cm × 3 m	1 roll	45000853



Amersham Protran Premium 0.45		
Membrane	Quantity	New catalog code number
30 cm × 4 m	1 roll	45004003
20 cm × 4 m	1 roll	45004008
200 × 200 mm	10 sheets	45004038
200 × 200 mm	10 sheets	45004038
100 × 100 mm	10 sheets	45004062
100 × 100 mm	10 sheets	45004062
No replacement	-	-
80 × 90 mm	25 sheets	45004075
80 × 90 mm	25 sheets	45004075
20 cm × 4 m	1 roll	45004008

\* Product discontinued June 2013 please see discontinuation on page 8

## Hybond ECL 0.2 µm nitrocellulose membranes

Same product material as Hybond-ECL 0.2

Hybond ECL 0.2 µm		
Membrane	Quantity	Old catalog code number
30 cm × 3 m	1 roll	45001230



Amersham Protran Premium 0.2		
Membrane	Quantity	New catalog code number
30 cm × 4 m	1 roll	45004004

## Optitran BA-S 85 0.45 µm supported nitrocellulose membranes

Same product material as Optitran BA-S 85

Optitran BA-S 85 0.45 µm		
Membrane	Quantity	Old catalog code number
30 cm × 3 m	1 roll	09301422
30 cm × 3 m	1 roll	45000930
20 cm × 3 m	1 roll	09301421
20 cm × 3 m	1 roll	45000852
300 × 600 mm	5 sheets	09301418
20 cm × 20 cm	10 sheets	45000840



Amersham Protran Supported 0.45		
Membrane	Quantity	New catalog code number
30 cm × 4 m	1 roll	45004016
30 cm × 4 m	1 roll	45004016
20 cm × 4 m	1 roll	45004028
20 cm × 4 m	1 roll	45004018
300 × 600 mm	5 sheets	45004041
200 × 200 mm	10 sheets	45004042

\* Product discontinued June 2013 please see discontinuation on page 8

## Optitran BA-S 83 0.2 µm supported nitrocellulose membranes

Same product material as Optitran BA-S 83

Optitran BA-S 85 0.2 µm			Amersham Protran Supported 0.2		
Membrane	Quantity	Old catalog code number	Membrane	Quantity	New catalog code number
30 cm × 3 m	1 roll	09301432	30 cm × 4 m	1 roll	45004015
20 cm × 3 m	1 roll	09927710	20 cm × 4 m	1 roll	45004029
300 × 600 mm	5 sheets	09301429	300 × 600 mm	5 sheets	45004043
200 × 200 mm	25 sheets	09301431	200 × 200 mm	25 sheets	45004066

## Hybond-P 0.45 µm PVDF membranes

Hybond-P 0.45 µm PVDF membranes			Amersham Hybond P 0.45		
Membrane	Quantity	Old catalog code number	Membrane	Quantity	New catalog code number
30 cm × 3 m	1 roll	45000931	30 cm × 4 m	1 roll	45004110
200 × 200 mm	10 sheets	45000841	No replacement	-	-
140 × 160 mm	15 sheets	45001225	140 × 160 mm	25 sheets	45004113
80 × 75 mm	10 sheets	45002483	80 × 90 mm	25 sheets	45004116

## Westran CS 0.45 µm PVDF membranes

Westran CS 0.45 µm PVDF membranes			Amersham Hybond P 0.45		
Membrane	Quantity	Old catalog code number	Membrane	Quantity	New catalog code number
30 cm × 3 m	1 roll	09301465	30 cm × 4 m	1 roll	45004110
200 × 200 mm	10 sheets	09927753	No replacement	-	-

## Hybond-LFP 0.2 µm low-fluorescence PVDF membranes

Same product material as Hybond-LFP

Hybond-LFP			Amersham Hybond LFP 0.2		
Membrane	Quantity	Old catalog code number	Membrane	Quantity	New catalog code number
26.5 cm × 3 m	1 roll	45001315	26.5 cm × 4 m	1 roll	45004095
200 × 200 mm	10 sheets	45001313	200 × 200 mm	10 sheets	45004097
200 × 200 mm	3 sheets	45001316	200 × 200 mm	10 sheets	45004097
140 × 160 mm	15 sheets	45001314	No replacement	-	-
80 × 75 mm	10 sheets	45002484	80 × 90 mm	25 sheets	45004100

\* Product discontinued - no replacement

## Westran S 0.2 µm PVDF membranes for sequencing applications

Same product material as Westran S

Westran S PVDF 0.2 µm			Amersham Hybond SEQ 0.2		
Membrane	Quantity	Old catalog code number	Membrane	Quantity	New catalog code number
26 cm × 3.1 m	1 roll	09301146	26 cm × 4 m	1 roll	45004022
200 × 200 mm	10 sheets	09301467	200 × 200 mm	10 sheets	45004047
150 × 150 mm	10 sheets	09301466	200 × 200 mm	10 sheets	45004047
100 × 100 mm	10 sheets	09301144	100 × 100 mm	10 sheets	45004071

## Hybond-C discontinuation reminder

On Jan. 20 2013 we announced of the discontinuation the Hybond-C membrane family. This discontinuation was part of the major rationalization of our Western blotting membrane portfolio detailed in this document. Please see the table below for recommended replacement products.

All Hybond C products were **discontinued end of June 2013**.

Discontinued products		Replacement products	
Item Description	Old catalog code number	Item Description	New catalog code number
Hybond-C Extra, 10 × 20 cm × 20 cm	45000840	Amersham Protran Supported 0.2 μm NC 200 mm × 200 mm 25 sheets/PK	45004043
Hybond-C Extra, 20 cm × 3 m	45000852	Amersham Protran Supported 0.45 μm NC 200 mm × 4 m 1 roll/PK	45004018
Hybond-C, 30 cm × 3 m	45000928	Amersham Protran 0.45 μm NC 300 mm × 4 m 1 roll/PK	45004002
Hybond-C Extra, 30 cm × 3 m	45000930	Amersham Protran Supported 0.45 μm NC 300 mm × 4 m 1 roll/PK	45004016
Hybond-C, 20 cm × 3 m	45000851	Amersham Protran 0.45μm NC 200 mm × 4 m 1 roll/PK	45004007
Hybond-C Super, 20 cm × 3 m	45000853	Amersham Protran Premium 0.45μm NC 200 mm × 4 m 1 roll/PK	45004008
Hybond-C Extra, 50 × 82 mm Discs	45000952	Optitran BAS85 82 MM 50/PK	09301415
Hybond-C Extra, 50 × 137 mm Discs	45000782	No replacement	-

Comparison data is available on request.

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