

# WesternBright transfer membranes for immunoblotting

## Convenient Nitrocellulose and PVDF membranes for Western blotting

Advansta offers a large selection of nitrocellulose and polyvinylidene difluoride (PVDF) transfer membranes for immunoblotting applications. Choose from convenient pre-cut membranes sized for protein minigels and economical membrane rolls. All membranes are optimized for compatibility with a wide range of protein stains and enzyme-based detection systems, specifically with chemiluminescent substrates.



The WesternBright PVDF membranes provide durability and high tensile strength for ease of handling. Advansta offers PVDF membranes appropriate for chemiluminescent detection and low-autofluorescence PVDF membranes perfect for fluorescent detection.

The WesternBright nitrocellulose membranes are pure nitrocellulose media that has high binding capacity for proteins. These nitrocellulose membranes are stronger and more durable than other nitrocellulose membranes, and will not rip, tear, or crack during transfers. The nature of this material yields sharper images with little or no distortion.

### Advantages

- **PERFORMANCE** – quality controlled for background-free Western blots
- **CONVENIENCE** – membranes available pre-cut and as rolls
- **FLEXIBILITY** – choose the right membrane for your Western blotting application
- **HIGH SIGNAL-TO-NOISE RATIOS** – with low background levels

## Typical Membrane Characteristics

Product	WesternBright PVDF-FL	WesternBright PVDF-CL	WesternBright NC
<b>Pore Size</b>	0.22 µm	0.22 µm	0.22 µm, 0.45 µm
<b>Thickness</b>	135 µm	140 µm	150 µm
<b>Binding Interaction</b>	Hydrophobic	Hydrophobic	Hydrophobic, electrostatic
<b>Typical Protein Binding Capacity</b>	300 µg/cm <sup>2</sup>	300 µg/cm <sup>2</sup>	200 µg/cm <sup>2</sup>
<b>Detection Methods</b>	<ul style="list-style-type: none"> <li>Fluorescence</li> <li>Total protein stain</li> </ul>	<ul style="list-style-type: none"> <li>Total protein stain</li> <li>Chromogenic</li> <li>Chemiluminescence</li> </ul>	<ul style="list-style-type: none"> <li>Chemiluminescence</li> <li>Direct staining</li> <li>Radiolabeling</li> <li>Colorimetric</li> </ul>
<b>Immobilization Methods</b>	<ul style="list-style-type: none"> <li>Electrophoretic transfer of proteins</li> </ul>	<ul style="list-style-type: none"> <li>Electrophoretic transfer of proteins</li> </ul>	<ul style="list-style-type: none"> <li>Electrophoretic transfer of proteins</li> <li>Protein dot and slot blotting</li> </ul>
<b>Recommended Applications</b>	<ul style="list-style-type: none"> <li>Western transfer with fluorescent detection</li> </ul>	<ul style="list-style-type: none"> <li>Western transfer with chemiluminescent detection</li> </ul>	<ul style="list-style-type: none"> <li>Western transfer with chemiluminescent detection</li> <li>Colony/plaque lifts</li> </ul>
<b>Available as</b>	<ul style="list-style-type: none"> <li>Pre-cut membranes</li> <li>Membrane roll</li> </ul>	<ul style="list-style-type: none"> <li>Pre-cut membranes</li> <li>Membrane roll</li> </ul>	<ul style="list-style-type: none"> <li>Pre-cut membranes</li> <li>Membrane roll</li> </ul>

## Ordering Information

Catalog Number	Product	Size	Quantity
L-08001-010	Pre-cut WesternBright PVDF-FL	7 x 9 cm	10 sheets
L-08012-010	Pre-cut WesternBright PVDF-FL	10 x 15 cm	10 sheets
L-08014-010	Pre-cut WesternBright PVDF-FL	13 x 18 cm	10 sheets
L-08007-001	WesternBright PVDF-FL membrane roll, 0.22 µm	26 cm x 3.3 m	1 roll
L-08004-010	Pre-cut WesternBright PVDF-CL	7 x 9 cm	10 sheets
L-08011-010	Pre-cut WesternBright PVDF-CL	10 x 15 cm	10 sheets
L-08013-010	Pre-cut WesternBright PVDF-CL	13 x 18 cm	10 sheets
L-08008-001	WesternBright PVDF-CL membrane roll, 0.22 µm	26 cm x 3.3 m	1 roll
L-08002-010	Pre-cut WesternBright NC, 0.45 µm	8 x 10 cm	10 sheets
L-08118-025	Pre-cut WesternBright NC, 0.45 µm	6 x 8.5 cm	25 sheets
L-08009-001	WesternBright NC membrane roll, 0.45 µm	30 cm x 3 m	1 roll
L-08003-010	Pre-cut WesternBright NC, 0.22 µm	8 x 10 cm	10 sheets
L-08117-025	Pre-cut WesternBright NC, 0.22 µm	6 x 8.5 cm	25 sheets
L-08006-001	WesternBright NC membrane roll, 0.22 µm	30 cm x 3 m	1 roll

### Advansta Corporation

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