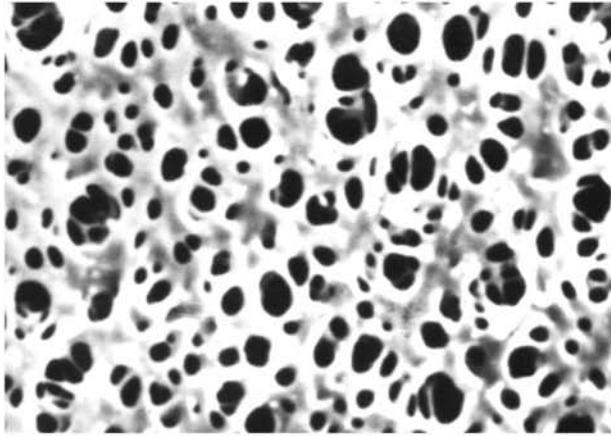


# amcBiobind NT



Typical 0.2 μm

amcBiobind NT membrane is a 100% pure nitrocellulose membrane, specifically designed for colony and plaque lifts, plasmid screening, and blotting applications.

amcBiobind NT's carefully controlled manufacturing procedure is the secret behind these matrices' ability to provide such recovery rates for transformed bacteria. Although it is an unsupported membrane, it has great strength providing easy handling and assures that the membrane will not become brittle and tear during the tests.

## Performance Advantages

- Great strength
- Detergent free
- Hydrophilic characteristic
- Low background levels
- Specifically designed pore sizes for optimal transfer performance
- Better resolution without distortion often seen with supported nitrocellulose membrane

## Typical Applications

- Colony/Plaque Lifts
- Southern Blots
- Northern Blots
- Western Blots
- Protein Dot/Slot Blots
- Nucleic Acid Dot/Slot Blots

## Specifications

**Membrane Material**  
100% Pure Nitrocellulose

**Typical Thickness**  
0.12 mm (4.7 mils)

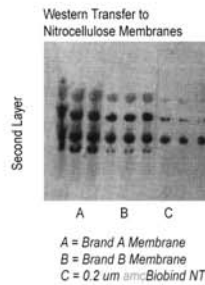
**Nominal Pore Sizes**  
0.1, 0.2, 0.45, 0.65 μm

## Suitable Immobilization Methods

- Thermal Baking
- UV Crosslinking

## Suitable Detection Methods

- Direct Stain
- Radiolabeled Probes
- Fluorescence
- Enzyme - Antibody Conjugates
  - Chemiluminescence
  - Chromogenic



Western Transfer to Nitrocellulose Membranes

Prestained proteins were separated in a polyacrylamide gel and electrophoretically transferred to the indicated nitrocellulose membranes. A double layer of membrane was used, one directly against the gel, followed by the second layer. Signal intensity on the second layer is indicative of burn-through, which can lead to loss of signal.

## Ordering Information

Product Number	Description	Packaging
NT010S1	0.1 μm, 20×20 cm sheet	25/pkg
NT010S2	0.1 μm, 26×50 cm sheet	10/pkg
NT010R1	0.1 μm, 26×300 cm roll	1/pkg
NT020S1	0.2 μm, 20×20 cm sheet	25/pkg
NT020S2	0.2 μm, 26×50 cm sheet	10/pkg
NT020R1	0.2 μm, 26×300 cm roll	1/pkg
NT045S1	0.45 μm, 20×20 cm sheet	25/pkg
NT045S2	0.45 μm, 26×50 cm sheet	10/pkg
NT045R1	0.45 μm, 26×3 m sheet	1/pkg
NT065S1	0.65 μm, 20×20 cm sheet	25/pkg
NT065S2	0.65 μm, 26×50 cm sheet	10/pkg
NT065R1	0.65 μm, 26×3 m sheet	1/pkg