



# Technical Data Sheet

## AMINBIC Dialysis Membrane

### **Contact Information**

AMINBIC Co. Ltd.

1st Floor, Second Building, Tehran University Science and Technology Park, North Campus of Tehran University, Farshi Moghadam St., North Kargar St, Tehran

Technical Support: [technical@aminbic.ir](mailto:technical@aminbic.ir)

Contact: [Mail: info@aminbic.ir](mailto:info@aminbic.ir)

Web: [www.aminbic.com](http://www.aminbic.com)

Tel.: +9821-86099315 - +989365650563

Revision Date: 2024-01-11

## Description

The dialysis bag is a semi-permeable membrane made of cellulose that allows smaller molecules to pass through and prevents macromolecules from penetrating through it.

Dialysis bags are produced with different molecular weights (MWCO). MWCO represents the average number and size of pores created along the membrane. This parameter specifies the lowest average molecular mass of a standard molecule that does not diffuse across the membrane and leave it by dialysis.

## Applications

Potential applications include:

- Removal of salts, surfactants and solvents
- Buffer and pH adjustment of sample solutions
- Concentration of protein, peptides or antibodies
- DNA electroelution
- Preparation of diluted proteins prior to electrophoresis
- Removal of contamination micromolecules
- Binding studies
- Tissue culture extract purification

## Packaging Information

Cat. No.	Packaging	Flat width	Lenght	Diameter
DM011050	Wet in 0.05% Sodium Azide	10 mm	50 cm	6.4 mm
DM011100	Wet in 0.05% Sodium Azide	10 mm	100 cm	6.4 mm
DM012050	Wet in 0.05% Sodium Azide	24 mm	50 cm	16 mm
DM012100	Wet in 0.05% Sodium Azide	24 mm	100 cm	16 mm
DM013050	Wet in 0.05% Sodium Azide	31 mm	50 cm	20 mm
DM013100	Wet in 0.05% Sodium Azide	31 mm	100 cm	20 mm

## Characterization

MWCO	Type	Physical Appearance	Tolerance	pH limits	Suggested Temp. Limit
500-1000 Dalton	Cellulose Ester	Opaque, Rigid	Fair	2 to 9	37 °C

**Storage**

Immerse in a solution of one of the following: 0.05% sodium azide, 1% sodium benzoate or 1% formaldehyde and store at 4°C.

**Ordering Information**

Pricing: Contact Sales Department

Availability: Available

**Disclaimer**

AMINBIC, believes that the information in this Technical Data Sheet is accurate and represents the best and most current information available to us. AMINBIC makes no representations or warranties either express or implied, regarding the suitability of the material for any purpose or the accuracy of the information contained within this document. Accordingly, AMINBIC will not be responsible for damages resulting from use or reliance upon this

information.

### **Headquarter**



1st Floor, Second Building, Tehran University Science and Technology Park, North Campus of Tehran University, Farshi Moghadam St., North Kargar St, Tehran