

GEL-FIX™ /NetFix™- Supporting Films for Casting of Gels

GEL-FIX™ products are sturdy supports to be incorporated during casting of gels. GEL FIX™ is made from polyester film. Both surfaces of the film are chemically activated providing covalent binding to the gel layer. The gel will adhere to the GEL-FIX™ film not only during electrophoresis but in all subsequent staining and fixing procedures, Thus, it supports the gel layer maintaining exact shape and size (no shrinking, no swelling, no tearing). For documentation, the film-bound gel can be air-dried just as easy at room temperature to result in a transparent film, ideally suited to store the original gel in the laboratory notebook or to scan it for electronic data processing.

GEL-FIX™ for Covers is used to protect the surface of a cast gel from drying out but prevents the gel from adhesion.

- GEL-FIX™ can be cut into every desired size
- GEL-FIX™ is stable to temperatures up to 110 °C
- GEL-FIX™ shelf life time is 24 months if stored dry and dark
- GEL-FIX™ is transparent to UV light above 310 nm wavelength
- Customized formats are available upon request

GEL-FIX™ for PAG: for casting of polyacrylamide gels

0,18 mm polyester film, activated on both sides to bind polyacrylamide gels (for polymer concentration of at least 10 % or higher)

GEL-FIX™ for Agarose: for casting of agarose gels

0.18 mm polyester film, activated on both sides to bind agarose gel layers covalently

GEL-FIX™ for Covers: for covering gel surfaces

0.075 mm polyester film, non-binding, suitable for polyacrylamide and agarose gels

NetFix™ is an inert, reinforcing fabric which serves as an ideal support for gel layers. If the agarose or poly- acrylamide gel is subject to blotting after electrophoresis we recommend NetFix™ for PAG. The polyester fabric is activated to bind agarose resp. polyacrylamide.

If a thin gel is to be removed after electrophoresis and transferred onto the membrane for blotting transfer it can easily get damaged (torn) because it is so thin. Usage of activated GEL-FIX™, however, to support the gel layer is an obstacle to blotting transfer because it must be removed physically before blotting. Here, NetFix™ is the ideal choice. The net is incorporated into the matrix during the casting process but will not interfere with electrophoresis or blotting.

GEL-FIX™/NetFix™: Overview

Size	Cat.No.	Quantity
GEL-FIX™ for PAG		
245 x 125 mm	42980.01	36 sheets
260 x 125 mm	42999.01	36 sheets
260 x 203 mm	42961.01	36 sheets
265 x 125 mm	42993.01	36 sheets
265 x 193 mm	42983.01	36 sheets
265 x 213 mm	42939.01	36 sheets
50 m x 125 mm	42966.01	1 roll
50 m x 193 mm	42968.01	1 roll
200 m x 193 mm	42996.01	1 roll
GEL-FIX™ for Agarose		
80 x 125 mm	42998.01	36 sheets
125 x 125 mm	42997.01	36 sheets
258 x 125 mm	42982.01	36 sheets
265 x 125 mm	42981.01	36 sheets
265 x 150 mm	42955.01	36 sheets
GEL-FIX™ for Covers		
245 x 125 mm	42957.01	36 sheets
260 x 203 mm	42971.01	36 sheets
265 x 125 mm	42970.01	36 sheets
265 x 193 mm	42969.01	36 sheets
280 x 125 mm	42995.01	36 sheets
NetFix™ for PAG		
265 x 125 mm	42775.01	36 sheets