

PCR Plate sealing films

OPTICALSEAL

- Universal cut, for raised rim and flat-top plates
- Polyolefin film with strong silicone-based adhesive, pressure activated
- Heat resistant, recommended for temperatures from -80°C to +105°C
- Low autofluorescence
- Recommended for flexible plates, particularly no-skirt or half-skirt plates; and/or where evaporation is an issue

APPLICATIONS:

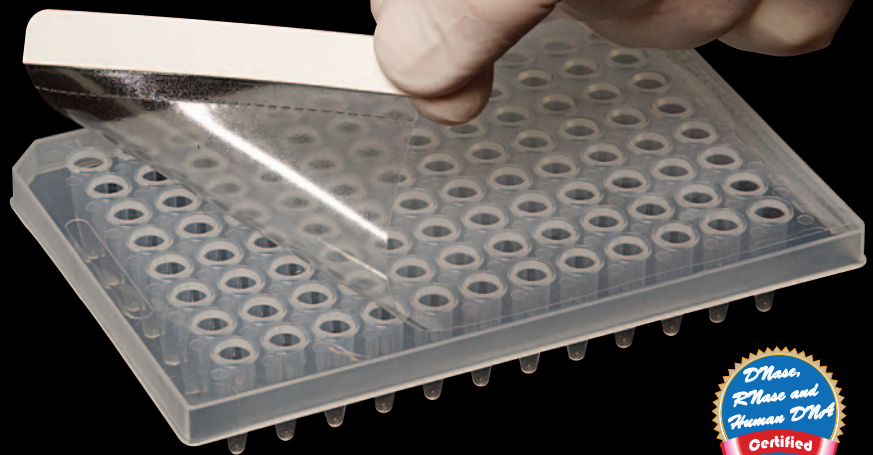
- Real-time PCR
- Protein crystallization
- Sample storage

THERMALSEAL600

- Universal cut, for raised rim and flat-top plates
- Exceptional seal across entire plate reduces well-to-well contamination and cross-over in PCR applications
- Tough polyester
- Temperatures range -40°C to +120°C
- Can be removed after cycling with no residue

APPLICATIONS:

- Classic PCR
- Sample storage
- Robotics



NOVAS BIO offers two approaches to sealing PCR plates using films. Both can be used on 96 and 384 plates.

ThermalSeal600: SF-TS-600

This budget film is suitable for general PCR applications. It provides exceptional sealing across the entire plate and when used with a silicone compression mat, risk of evaporation, well to well contamination and cross-over in PCR applications is eliminated.

Optical-Seal : SF-UC-500

This pressure sensitive film is optically clear and so specifically developed for optical applications, particularly qPCR. It is non sticky to touch and therefore is convenient to handle, especially when using gloves. Once in position, when pressure is applied, the strong adhesive is released at the contact points of the tube wells to create a highly effective seal. All other areas of the film remain optically clear to allow optimum light transmission.



Catalog #	Description	Packaging / Unit	Units/ Case
SF-UC-500	OpticalSeal, Ultra Clear, Silicone Adhesive for real time PCR Effective Dimensions: 116 x 78mm* Thickness: 102µm	100 Films	5 Units
SF-TS-600	ThermalSeal 600, general application sealing film for PCR Effective Dimensions: 118 x 78mm* Thickness: 92µm	100 Films	5 Units

* excludes tabs at 12 x 78mm for each