

Secure Sealing and Easy Handling

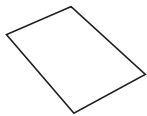
Adhesive Sealing Film Assortment for PCR Applications



tesa® Sealing Films especially designed for PCR cycling applications are based on a synthetic rubber adhesive offering a unique adhesion profile.

Its permanent adhesion is optimised for secure bonding to various types of microtiter plates during PCR cycling. Its low initial adhesion facilitates easy handling, even with gloves, as well as repositioning – high performance combined with user friendliness.

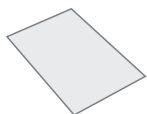
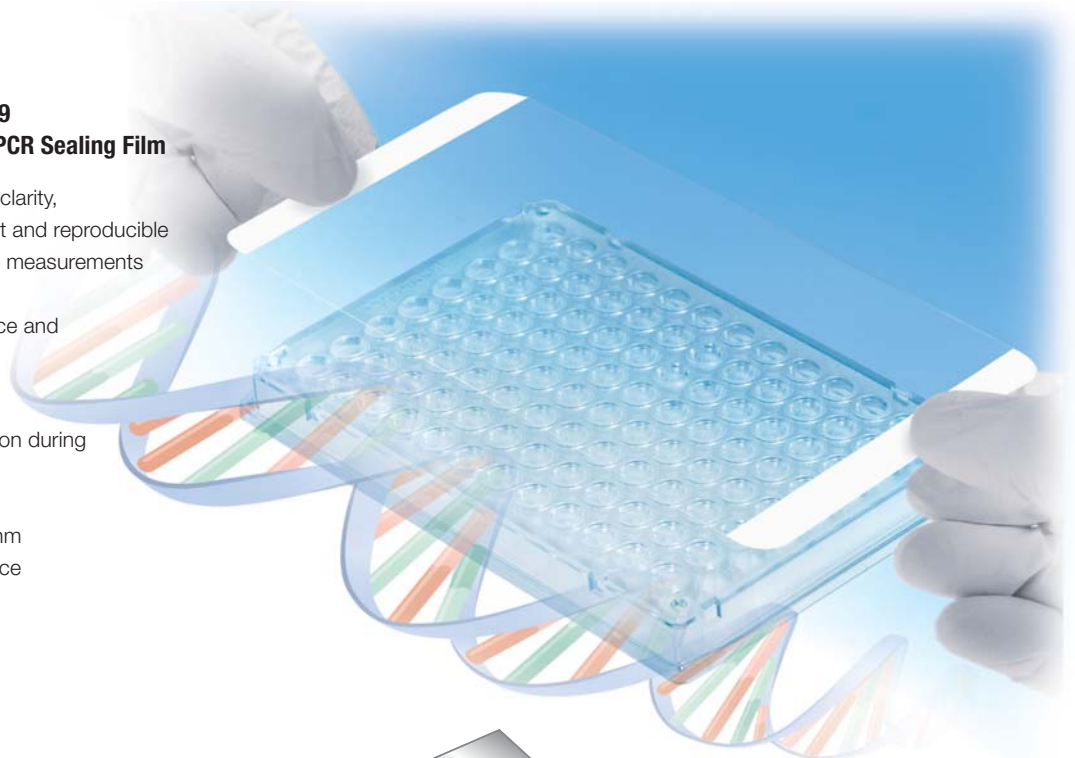
tesa® PCR Sealing Films are produced under clean room conditions. They were tested to be free of DNA, DNase, RNAse and PCR inhibitors using PCR and enzyme activity assays.



tesa® 62549 Real Time PCR Sealing Film

Due to its excellent optical clarity, tesa® 62549 allows efficient and reproducible real time DNA amplification measurements without any interference. Reliable sealing performance and user-friendly handling are included.

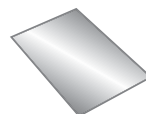
- Extremely low evaporation during PCR cycling
- High transmission between 450 and 750 nm
- Very low autofluorescence
- Minimal haze



tesa® 62548 Universal PCR Sealing Film

Consisting of a transparent and conformable polypropylene film, tesa® 62548 offers maximum sealing during PCR cycling combined with easy handling.

- Minimal evaporation during PCR cycling even after repositioning
- Excellent handling even with gloves



tesa® 62547 Aluminium PCR Sealing Film

The aluminium foil and the high cohesion of the synthetic rubber based adhesive of tesa® 62547 offer excellent barrier properties and piercability.

- Low evaporation during PCR cycling
- Easily pierceable without adhesive residues

Optimised Product Design

Small changes often make huge differences – for microtiter sealing films this is definitely true when it comes to user handling and customer satisfaction. Therefore, the size of the sheets, the perforation type and the size of the tabs have been optimised in real application tests to ensure user-friendly application.

Customised Packaging

Packaging and branding of the final product are key success factors for your PCR Sealing Films.

We offer:

- Customized design of the outer packaging
- Various folding box qualities to differentiate within your product range



Total Quality and Customer Focus

With more than 125 years of experience in the development, production and delivery of adhesive tape, tesa is your partner for high technology products. tesa's state-of-the-art production facilities combined with standards, such as ISO 9001 and ISO 13485, ensure quality throughout the entire value chain.



Thorough tests of product performance under real conditions



Clean room coating and cutting with in-line failure and particle detection



State-of-the-art clean room converting and packaging



tesa worldwide: Always where you need us.

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support will be glad to advice you.

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