



Sealing options

A reliable seal on samples is essential to protect them from contamination and evaporation during the PCR assay and during subsequent measurements. The proper seal must be selected to match the type of PCR assay conducted, as well as the PCR vessel used. Highly transparent films, for instance, are required to calculate reliable values during a real-time PCR, since the measurement is completed directly in the cyclers.

In addition to choosing the right sealing option, how the film or cap is handled plays a key role in effectively protecting your samples.

Whether you choose film or cap strips: BRAND offers the right seal for any application. We provide reliable, convenient sealing options even for very small sample quantities.

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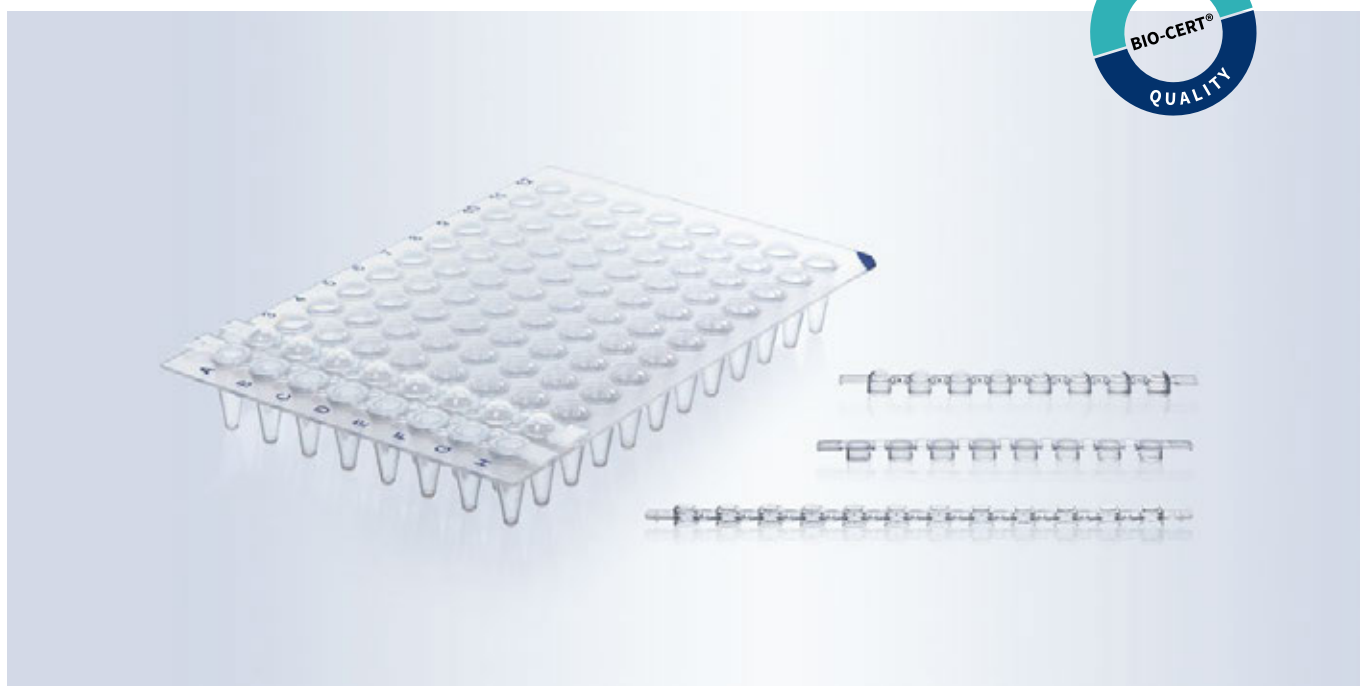
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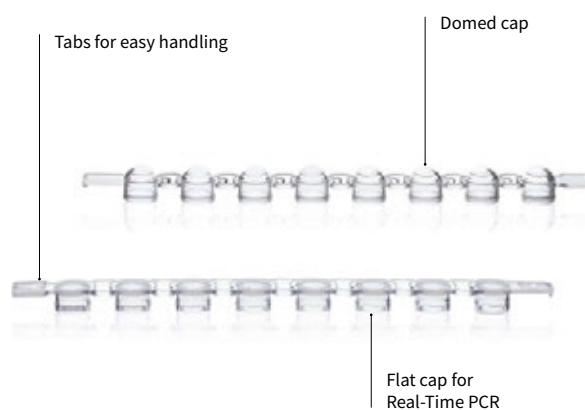
PCR cap strips



- ✓ Effective protection against evaporation and contamination
- ✓ The right cap shape for your application
- ✓ Easy to open and close without risk of contamination

With PCR cap strips you can seal PCR strips and plates with 24, 48, and 96 wells reliably, and protect your samples effectively against evaporation and contamination. To prevent contamination, the cap strips are equipped with two side tabs for exact positioning before closing and a small opening attachment on each cap. This prevents contact with the inside of the cap.

The highly transparent flat cap strips are ideal for qPCR because the cap shape allows accurate fluorescence measurement. With domed cap strips, thermal cyclers without pressure sensors exert a stronger force, thus further increasing the sealing effect.



Applications

- + Sealing of PCR strips
- + Sealing of PCR plates

Features

- + Easy to attach and remove
- + Tight sealing on both strips and plates
- + Highly transparent, flat cap strips for optical measurements
- + Side grip tabs for easy, contamination-free handling

User information

Flat or domed?

- Flat cap strips are especially well-suited for optical measurements. The measurements can be completed directly through the cap.
- Domed caps increase the closing pressure from the lid of the thermocycler, and prevent small leaks.
- It is important to select caps depending on the cycler chosen.

Contamination-free handling:

- Sealing samples early on avoids cross-contamination and protects samples.
- The side grip tabs and attachments on every cap allow for contamination-free handling.



We advise against autoclaving PCR products. Autoclaving can be a source of contamination for disposable products.

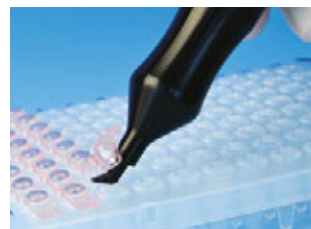
Accessories

Cap Tool

For reliable sealing and opening of cover caps. Handy and lightweight material for fatigue-free operation. Pack of 1.

Cat. No.

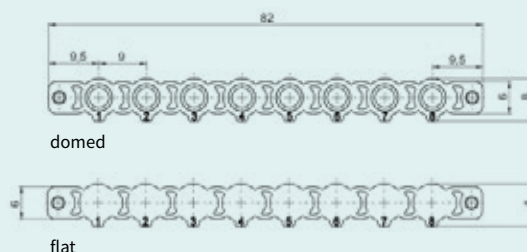
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Technical information & Ordering data

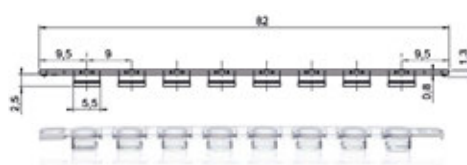
Strips of 8 PCR caps

- Domed or flat
- Easy to open and close
- Grip tabs and cap attachments for careful, contamination-free opening
- For sealing of strips and plates



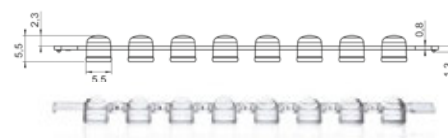
Strips of 8 caps, flat

Cap design	flat
Color	transparent 
Pack of	1000 pieces (8 bags of 125 strips)
Cat. No.	781334



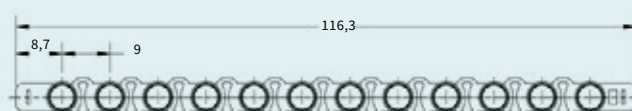
Strips of 8 caps, domed

Cap design	domed	domed	domed	domed	domed
Color	transparent	rose	yellow	green	blue
Pack of	1000 pieces (8 bags of 125 strips)	1000 pieces (8 bags of 125 strips)	1000 pieces (8 bags of 125 strips)	1000 pieces (8 bags of 125 strips)	1000 pieces (8 bags of 125 strips)
Cat. No.	781340	781341	781342	781343	781344



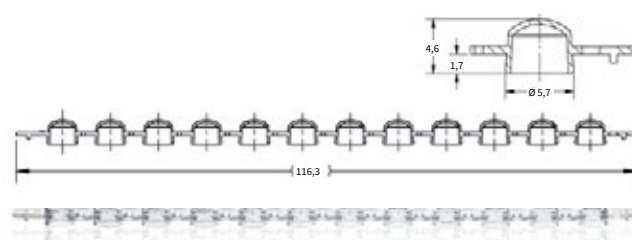
Strips of 12 PCR caps

- Easy to open and close without tools
- Grip tabs and cap attachments for contamination-free opening

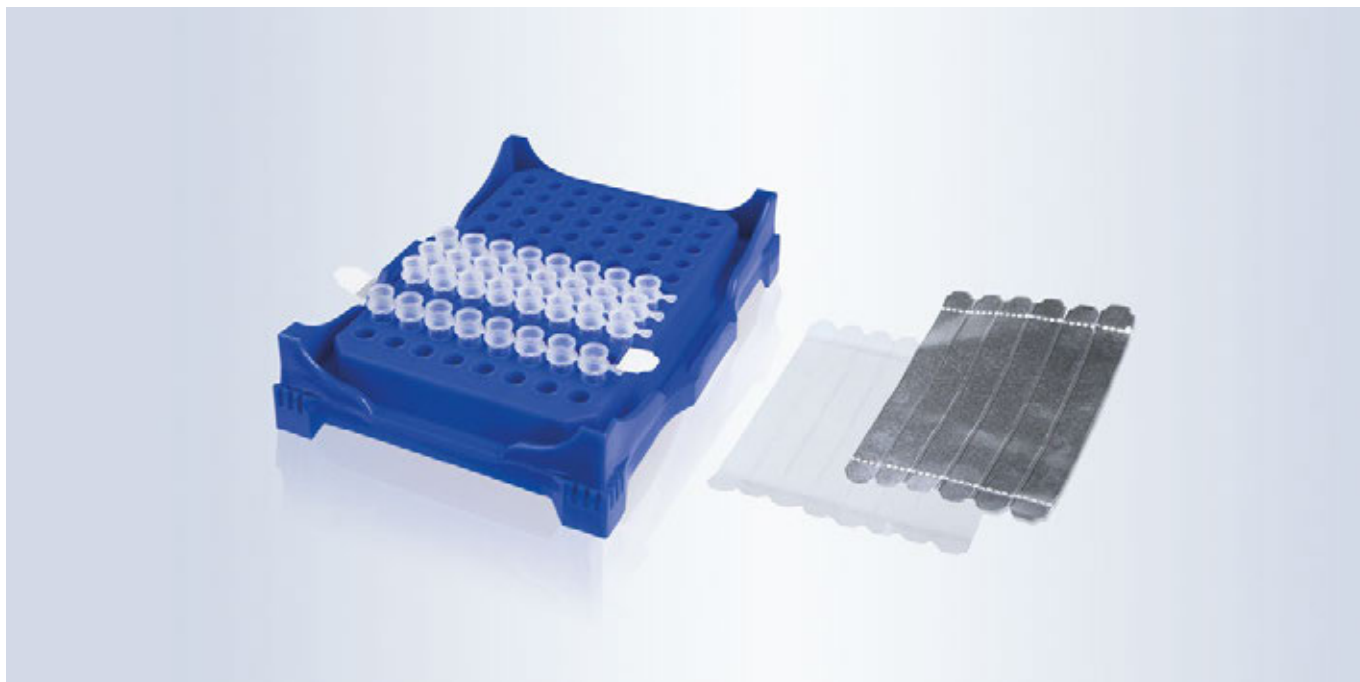


Strips of 12 caps, domed

Cap design	domed
Color	transparent
Pack of	1500 pieces (12 bags of 125 strips)
Cat. No.	781290

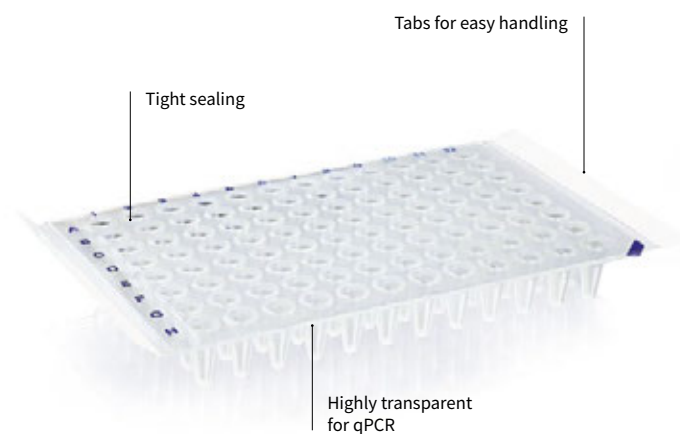


Sealing films



- ✓ Temperature stability up to 120 °C
- ✓ Tight seal minimizes evaporation
- ✓ Highly transparent for use in qPCR methods

Whether standard PCR, qPCR or digital droplet PCR, the source material is always valuable and the volume always low. To protect samples and maintain their sensitivity at the same time, PCR samples must be perfectly sealed.



Applications

- + PCR and qPCR
- + For short-time storage of PCR samples
- + For contamination prevention at high-throughput analyses

Features

- + Easy to apply and remove without expensive equipment
- + Reliable adhesion for optimum protection and minimized evaporation loss
- + Highly-transparent films for optimal measurement results

User information

- The pressure-sensitive sealing film 781391 can be easily repositioned for a perfect seal thanks to pressure-sensitive adhesive beads which are only activated when pressure is applied.
- The film must be pressed on evenly with a sealing paddle to ensure proper seal. Please check the edges for an optimal result.
- Highly adhesive films will be difficult to remove. The plate must be fixed properly during removal to prevent spills.



For long-term storage, ensure films have good temperature stability.

Accessories

Sealing paddle

The sealing paddle helps to apply self-adhesive films. Thanks to its streamlined sides and rounded shape, it rests comfortably in your hand and ensures optimal force transfer. Pack of 2.



Cat. No. 701381

PCR box/ rack, PP

Assorted colors (red, yellow, green, purple, blue). Suitable for sample preparation, for keeping and storing 0.2 ml single tubes, 8-strips and 12-strips, and 96-well PCR plates. These racks can also be stacked without lids. Withstand temperatures from -80 to +121 °C. Pack of 5.



Cat. No. 781362



Mini cooler PCR, PP

With transparent lid. For protecting samples from warming. The mini PCR cooler keeps samples at 4 °C for approximately 3 hours. The insulating gel changes from violet to pink at 7 °C. Suitable for 0.2 ml single tubes, 8-strips, and 12-strips, as well as 96-well PCR plates. Pack of 2.



Cat. No. 781260

Technical information & Ordering data

qPCR film

- For real-time PCR, ELISA and other colorimetric applications
- Highly transparent with minimal autofluorescence
- Pressure-dependent adhesive capsules allow for easy attachment (#781391)
- Free of RNase/DNase

qPCR film



Description	film	film strips
Material	polyester 	polyester 
Pack of	100 pieces	400 pieces (50 sheets of 8 strips)
Cat. No.	781391	781383

PCR film

- For PCR, ELISA, EIA and other optical applications
- Transparent for visual inspection of samples
- Simple handling and secure attachment with two grip tabs
- Minimal evaporation thanks to strong adhesive

PCR film

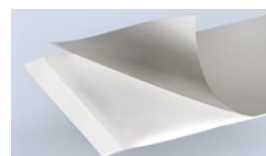
Description	film
Material	polyester
Pack of	100 pieces
Cat. No.	781390



Film for PCR and storage

- For PCR, ELISA and sample storage
- DMSO resistant with strong adhesive that is highly resistant to solvents
- Temperature stability down to -80 °C
- Can be removed without leaving a residue (#701376 und 701377)

Film for PCR and storage



Description	film	film	film
Material	polypropylene	PET	Aluminium
Pack of	100 pieces	100 pieces	100 pieces
Cat. No.	701367	701376	701377

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