



## Xtra-Clear Advanced Polyolefin StarSeal (qPCR)



### Product Highlights

- Suitable for standard PCR and qPCR
- Superior optical properties; best for visual microscopic analyses
- Low autofluorescence
- Low tack-to-touch adhesive. This means that it does not feel sticky when handled, making it is easier to handle so the seal sticks to your plate, not your gloves. The adhesive is pressure-sensitive, so it is only once you have correctly positioned the seal on the plate and you then apply pressure that the seal adheres to the plate. Once bonded, the seal strength is unbeatable.
- Single coated tape consisting of a 0.05mm clear polyolefin film coated on one side with a clear pressure sensitive silicone-based adhesive. The seal is supplied on a white polyester release liner
- Compatible with aqueous solutions and organic solvents
- Certified RNase, DNase, DNA and Endotoxin free
- For use on polypropylene, polystyrene or polycarbonate plate
- Suitable for use between -70°C and 110°C
- Overall dimensions: 141 mm x 79 mm. Working dimensions: 121 x 79 mm

## Product Applications

Plate sealing

Real-Time PCR / qPCR

Standard PCR

Short term storage & incubation

Long term storage

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## General Data

|   |   |
|---|---|
| Art. No.                                  | E2796-9795                                |
| Material                                  | Polyolefin                                |
| Pack Size                                 | 100 Pcs. (1 Box × 100 Pcs.)               |
| Free of endotoxins                        | Yes                                       |
| Pyrogen free                              | Yes                                       |
| DNA free                                  | Yes                                       |
| RNase free                                | Yes                                       |
| DNase free                                | Yes                                       |
| Easy to Pierce with Needle or Metal Probe | no  |
| Short-Term Storage and Incubation         | yes                                       |
| Suitable for Real-Time PCR (qPCR)         | yes                                       |
| Suitable for PCR                          | yes                                       |
| Superior Optical Clarity                  | yes                                       |
| Optically clear                           | yes                                       |
| Opaque                                    | no  |
| Sterile                                   | No  |
| Plate type compatibility                  | Polypropylene, Polystyrene, Polycarbonate |
| Breathable                                | no  |
| Resistant to DMSO                         | yes                                       |
| Low Auto-Fluorescence                     | yes                                       |
| Low 'Tack to Touch' Adhesive              | yes                                       |
| Easy to Pierce with Pipette Tip           | no  |

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|                    |                |
|--------------------|----------------|
| Overall Dimensions | 141 mm x 79 mm |
| Working Dimensions | 121 x 79 mm    |
| Temperature range  | -70 to 110 °C  |
| Seal               | Self-adhesive  |
| Max. temp.         | 110 °C         |
| Color              | Clear          |

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## More informations about Xtra-Clear Advanced Polyolefin StarSeal (qPCR)



Plates seals are quick to apply and to remove. Eight self-adhesive seals offered by STARLAB are suitable for standard PCR. The Xtra-Clear Advanced Polyolefin Seal is also suitable for Real-Time PCR and the seal's superior optical clarity yields consistent results. All seals are suitable for short-term storage and incubation.

### **Important note for Real-Time PCR (qPCR)**

Please check that both the plate AND the sealing option are suitable for Real-Time PCR applications.



## Accessories

| PRODUCT NAME  |   | PACKAGING SIZE             | ART. NO.   |
|---|---|----------------------------|------------|
|  | <a href="#">Plate Seal Applicator</a>     | 5 Pcs. (1 Pack × 5 Pcs.)   | I2928-7355 |
|  | <a href="#">Microtitre Sealing Brayer</a> | 1 Piece (1 Pack × 1 Piece) | E9127-2940 |

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