

Datasheet for ABIN4219246

Opti-Seal qPCR and Storage Films



[Go to Product page](#)

Overview

Quantity:	100 each
Application:	Quantitative real-time PCR (qPCR)

Product Details

Brand:	Opti-Seal
Specificity:	<ul style="list-style-type: none"> - High optical clarity - Minimal to no auto-fluorescence - Chemically inert, no extractables except at extreme pH - DMSO resistant for High-Throughput Sequencing - Heat resistant, recommended for temperatures from -70 °C to 100 °C - Certified DNase-, RNase-, and nucleic-acid-free - Fit within raised plate rim to prevent loss of seal due to film lifting - Silicone adhesive forms the strongest available seal for evaporation prevention - Non-tacky adhesive layer simplifies handling of film prior to sealing
Characteristics:	<p>Opti-Seal Real Time PCR sealing films are based on 50 µm polyolefin films with 50 µm inert encapsulated silicone adhesive. They are optically clear, with low auto-fluorescence, and are especially suited for real-time qPCR, storage, and protein crystallization applications. The encapsulated silicone adhesive is non-tacky until pressed against the sealing surface, at which time adhesive is released only in sealing areas to form the strongest available heat-resistant seal around each well on the plate. Adhesive on non-sealing areas of the film, such as directly over sample wells, remains encapsulated and inert. abm's Opti-Seal qPCR sealing films are sized to fit within the edges of raised-rim 96-well plates. Their consistent high optical clarity makes possible reproducible, reliable, and consistent DNA amplification measurements and crystal detection. Two end tabs assist in positioning the film on the plate, and the non-tacky</p>

Product Details

adhesive surface simplifies handling. Easy removal of the end tabs at perforated boundaries prevents lifting and higher evaporation rates that can occur with films that overlap the plate rim. Film's dimensions are 78.6 mm by 139.7 mm including the end tabs (length is 113.0 mm with the end tabs excluded).

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	100 Films/Box
Restrictions:	For Research Use only