

ibiSeal is a self-adhesive cover film for sealing open wells and reservoirs in cell culture and microscopy applications. The gas-permeable film can be used to maintain sterility and reduce evaporation in long-term experiments. ibiSeal is also suitable for the transportation of samples.

Overview

This document is applicable to the following product numbers:

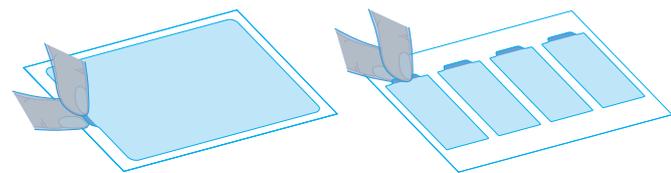
Cat. No.	Product Name
10871	ibiSeal 20x56: Self-adhesive cell culture sealing film, 20.2 mm × 55.5 mm, sterilized
10872	ibiSeal 22x48: Self-adhesive cell culture sealing film, 21.8 mm × 48.0 mm, sterilized
10873	ibiSeal 25x52: Self-adhesive cell culture sealing film, 25.2 mm × 52.3 mm, sterilized
10874	ibiSeal 76x114: Self-adhesive cell culture sealing film, 76.0 mm × 114.0 mm, sterilized
10875	ibiSeal 71x107: Self-adhesive cell culture sealing film, 71.0 mm × 106.8 mm, sterilized
10876	ibiSeal 7x56: Self-adhesive cell culture sealing film, 7.0 mm × 55.5 mm, sterilized
10877	ibiSeal 8x8: Self-adhesive cell culture sealing film, 8.0 mm × 8.0 mm, sterilized
10878	ibiSeal 35: Self-adhesive cell culture sealing film, ∅ 35.0 mm, sterilized

Material

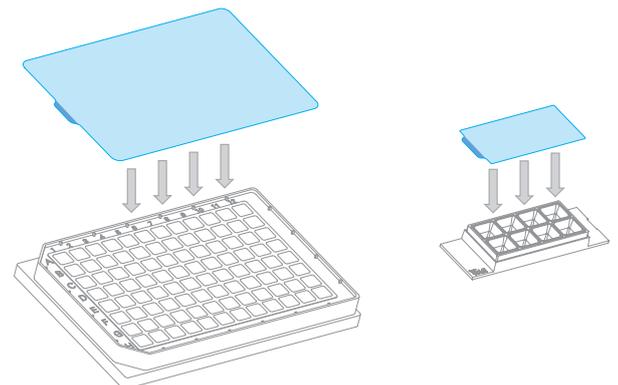
The ibiSeal products consist of an 80 µm thick, adhesive polymer film that is gas-permeable and compatible with microscopy. ibiSeal is easy to apply and can be removed in a non-destructive manner. The ibiSeal film can be removed from the cell culture vessel by using the handling lip. Once the ibiSeal film is removed, it can be used to seal the same sample again. ibiSeal is not autoclavable, since the material is temperature-stable only up to 80°C / 175°F.

Handling and Assembling

1. Prepare the sample.
2. Remove the ibiSeal film using the handling lip.



3. Mount the ibiSeal film onto the sample. Make sure the positioning is correct.

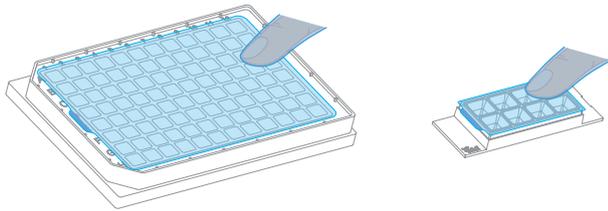


Shipping and Storage

The ibiSeal products are sterilized and welded in a gas-permeable packaging. The shelf life under proper storage conditions (in a dry place, no direct sunlight) is listed in the following table.

Conditions	
Shipping conditions	Ambient
Storage conditions	RT (15–25°C)
Shelf Life	
ibiSeal	36 months

- Press firmly until the ibiSeal film completely seals the sample. Apply precise pressure with your fingers to confirm strong adhesion.



- Conduct your experiment.
- For liquid exchange, the ibiSeal film can be removed and re-applied to the cell culture vessel.

Tip:

For best sealing results, use ibiSeal on dry surfaces.

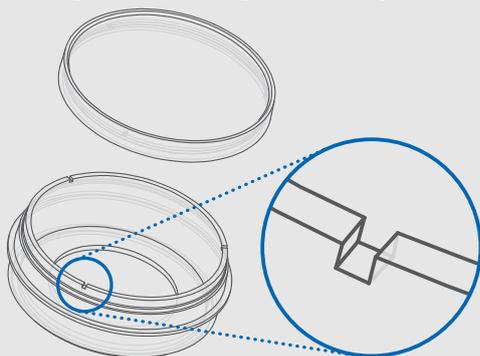
Geometry and Compatibility

ibiSeal is designed for ibidi labware. It is available in the following variations:

Cat. No.	Name	Size	Compatible ibidi Products	Catalog Numbers
10871	ibiSeal 20x56	20.2 mm x 55.5 mm	3, 8, 12 Well Chambers, removable	80381, 80841, 81201
10872	ibiSeal 22x48	21.8 mm x 48.0 mm	μ-Slide Angiogenesis	8150X
10873	ibiSeal 25x52	25.2 mm x 52.3 mm	μ-Slides 2 Well, 2 Well ^{Ph+} , 4 Well, 4 Well ^{Ph+} , 8 Well, 8 Well ^{high} , 18 Well, 18 Well - Flat, Co-Culture	8028X, 8029X, 8042X, 8044X, 8082X, 8080X, 8181X, 8182X, 81806
10874	ibiSeal 76x114	76.0 mm x 114.0 mm	μ-Plates 24 Well, 96 Well	8240X, 8962X
10875	ibiSeal 71x107	71.0 mm x 106.8 mm	μ-Plate Angiogenesis	89646
10876	ibiSeal 7x56	7.0 mm x 55.5 mm	μ-Slides VI ^{0.1} , VI ^{0.4} , VI ^{0.5} Glass Bottom, VI - Flat, Chemotaxis	8066X, 8060X, 8062X, 8032X
10877	ibiSeal 8x8	8.0 mm x 8.0 mm	Luer Adapters on μ-Slides I Luer, I Luer 3D, y-shaped, III 3D Perfusion, III ³ⁱⁿ¹ , Spheroid Perfusion	81128, 8016X, 8017X, 8018X, 8019X, 8717X, 80126, 8031X, 8037X, 8035X
10878	ibiSeal 35	∅ 35.0 mm	Glass Bottom Dish ^{35 mm}	81218-200, 81218-800

Note:

ibiSeal is not compatible with the ibidi μ-Dish family products. The notches for the locking feature on top of the μ-Dishes prevent a complete sealing.



Ordering Information

Cat. No.	Description	Pcs./Box
10871	ibiSeal 20x56: Self-adhesive cell culture sealing film, 20.2 mm × 55.5 mm, sterilized	60
10872	ibiSeal 22x48: Self-adhesive cell culture sealing film, 21.8 mm × 48.0 mm, sterilized	60
10873	ibiSeal 25x52: Self-adhesive cell culture sealing film, 25.2 mm × 52.3 mm, sterilized	60
10874	ibiSeal 76x114: Self-adhesive cell culture sealing film, 76.0 mm × 114.0 mm, sterilized	30
10875	ibiSeal 71x107: Self-adhesive cell culture sealing film, 71.0 mm × 106.8 mm, sterilized	30
10876	ibiSeal 7x56: Self-adhesive cell culture sealing film, 7.0 mm × 55.5 mm, sterilized	60
10877	ibiSeal 8x8: Self-adhesive cell culture sealing film, 8.0 mm × 8.0 mm, sterilized	120
10878	ibiSeal 35: Self-adhesive cell culture sealing film, ∅ 35.0 mm, sterilized	60

For research use only!

Further information can be found at ibidi.com. For questions and suggestions please contact us by e-mail info@ibidi.de or by telephone +49 (0)89/520 4617 0.

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