

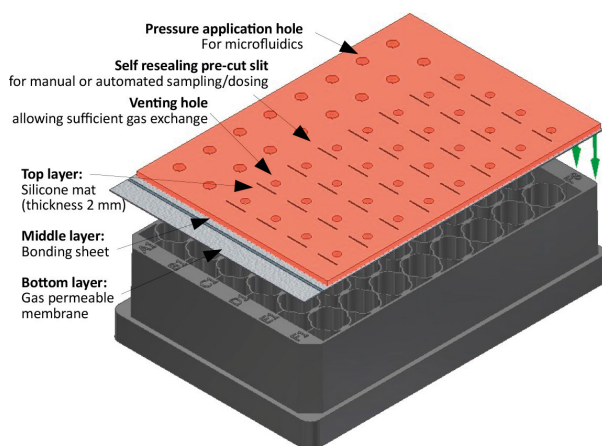
Sealing Foil F-GPRSMF32-1

Gas permeable sealing foil with evaporation reduction and perforated silicone layer for BioLector® Pro

Now part of Beckman Coulter Life Sciences

Technical parameters

Specification	Description
Type	<ul style="list-style-type: none"> Three layer sandwich membrane 2 rows with 4 mm holes to apply pressure 4 rows with 3 mm venting holes to reduce cross section for evaporation (see art. no. FGPR48-10) Top layer: silicone mat thickness 2 mm, including pressure application and venting holes and pre-cut slits for automated or manual sampling/dosing Middle layer: non gas permeable bonding sheet including venting holes Bottom layer: gas permeable non-woven membrane (see art. no. F-GP-10) Self resealing pre-cut slits for penetration by syringe (manual) or robotic tips (automated) Recommended for long-term cultivations Only suitable for 48 well microfluidic microplates
Dimension	<ul style="list-style-type: none"> Length: 116.0 mm Width: 81.0 mm
Sterilization	<ul style="list-style-type: none"> 20 kGy (ß-radiation) sterile packed
Other information	<ul style="list-style-type: none"> Autoclavability: no For single use only Unit size: 1 piece in bag Medical grade adhesive Temperature range: -20 – 80 °C



*1: FlowerPlate®, V = 1000 µL, T = 37 °C

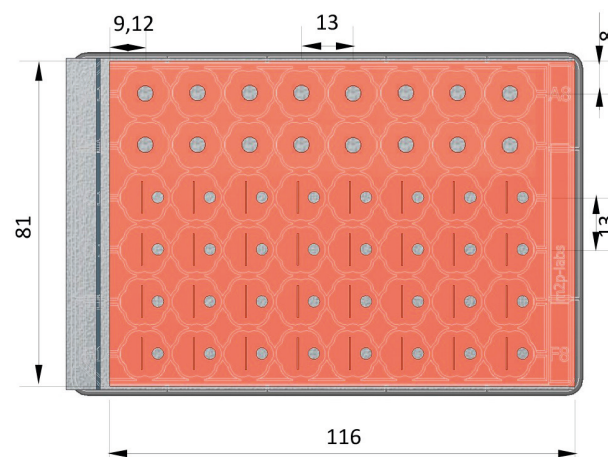
*2: Gravimetrically determined with water

*3: Shaking diameter

Technical data: Performance

Evaporation rate *1	Atmosphere (Air)	Shaking conditions
1.3 ± 0.2 %/d *2	Humidified (> 85 % rel. hum.)	BioLector® n ₀ = 1100 rpm d ₀ = 3 mm *3
6.0 ± 0.1 %/d *2	Not humidified (≈ 35 % rel. hum.)	BioLector® n ₀ = 1100 rpm d ₀ = 3 mm *3
5.4 ± 0.2 %/d *2	Not humidified (≈ 35 % rel. hum.)	Shaking incubator n ₀ = 250 rpm d ₀ = 25 mm *3

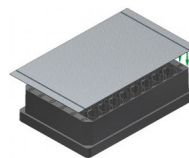
Top view Dimensions for automation [mm]



Also available specialized sealing foils

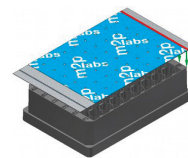
Art. No. F-GP-10

For short term cultivations, suitable for all types of microplates.



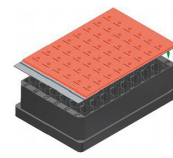
Art. No. F-GPR48-10

Recommended for long term cultivations with minimized evaporation.



Art. No. F-GPRS48-10

For automated long term cultivations with minimized evaporation.



INFORMATION

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