

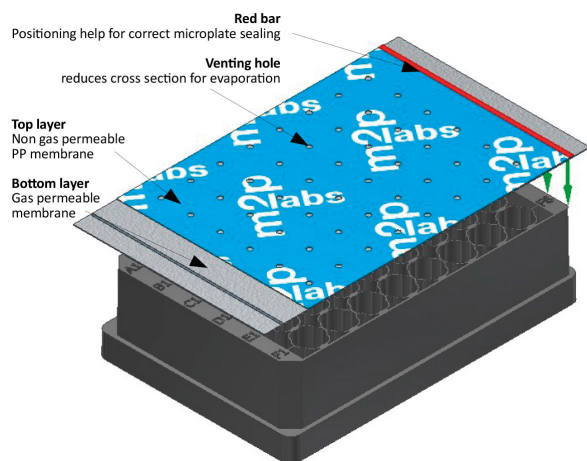
Sealing Foil F-GPR48-10

Gas permeable sealing foil with evaporation reduction

Now part of Beckman Coulter Life Sciences

Technical parameters

Specification	Description
Type	<ul style="list-style-type: none"> › Two layer sandwich membrane › Top layer: Non gas permeable PP membrane with venting holes for evaporation reduction › Bottom layer: gas permeable non-woven membrane (see art. no. F-GP-10) › Venting holes reduce cross section to minimize evaporation while ensuring uniform gas exchange › Recommended for long term cultivations › Only suitable for 48 well microplates
Dimension	<ul style="list-style-type: none"> › Length: 127.0 (143.0) mm › Width: 84.0 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: 10 pcs. in resealable bag › Medical grade adhesive › Temperature range: -20 – 80 °C



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

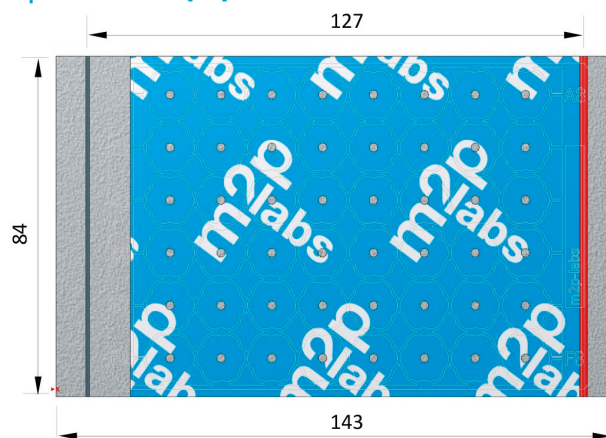
*2: Gravimetrically determined with water

*3: Shaking diameter

Technical data: Performance

Evaporation rate *1	Atmosphere (Air)	Shaking conditions
0.8 ± 0.1 %/d *2	Humidified (> 85 % rel. hum.)	BioLector® n ₀ = 1100 rpm d ₀ = 3 mm *3
3.1 ± 0.5 %/d *2	Not humidified (≈ 35 % rel. hum.)	BioLector® n ₀ = 1100 rpm d ₀ = 3 mm *3
3.6 ± 0.6 %/d *2	Not humidified (≈ 35 % rel. hum.)	Shaking incubator n ₀ = 250 rpm d ₀ = 25 mm *3

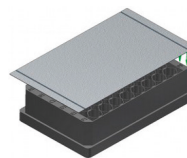
Top view Dimensions [mm]



Also available specialized sealing foils

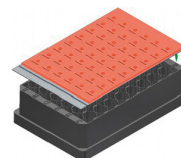
Art. No. F-GP-10

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



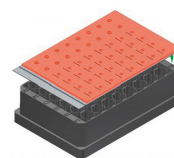
Art. No. F-GPRS48-10

For automated long term cultivations with minimized evaporation.



Art. No. F-GPRSMF32-1

For (automated) long term cultivations in BioLector® Pro.



INFORMATION

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