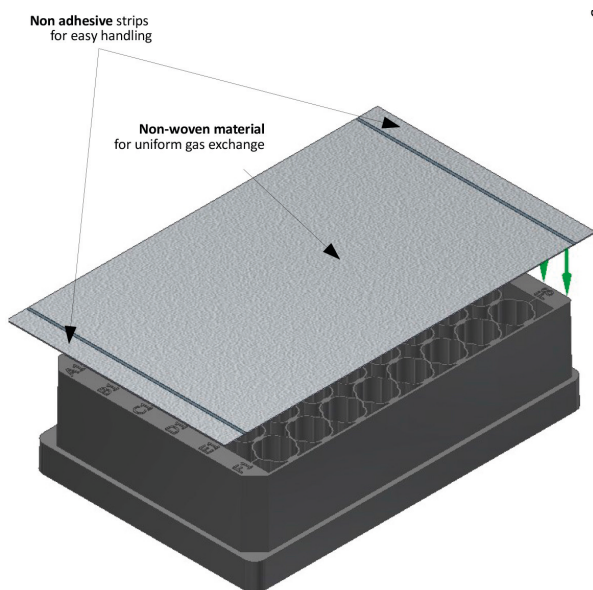


# Sealing Foil F-GP-10

## Gas permeable sealing foil

### Technical parameters

Specification	Description
Type	<ul style="list-style-type: none"> <li>Non-woven membrane for <b>maintaining sterility</b> of microplate content while allowing <b>uniform gas exchange</b></li> <li>Adhesive membrane</li> <li><b>Non-adhesive strips</b> at outer sides left and right for easy handling (see drawing below)</li> <li><b>Enlarged</b> dimensions than standard SBS footprint for easy handling</li> <li><b>Low limitation</b> of oxygen transfer</li> <li>Suitable for <b>all types</b> of microplates</li> <li>Recommended for <b>short term cultivations</b></li> </ul>
Dimension	<ul style="list-style-type: none"> <li>Length: 127.0 (143.0) mm</li> <li>Width: 84.0 mm</li> </ul>
Sterilization	<ul style="list-style-type: none"> <li>20 kGy (β-radiation)</li> <li>sterile packed</li> </ul>
Other information	<ul style="list-style-type: none"> <li>Autoclavability: no</li> <li>For single use only</li> <li>Unit size: 10 pcs. in resealable bag</li> <li>Medical grade adhesive</li> <li>Temperature range: -20 – 80 °C</li> </ul>



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

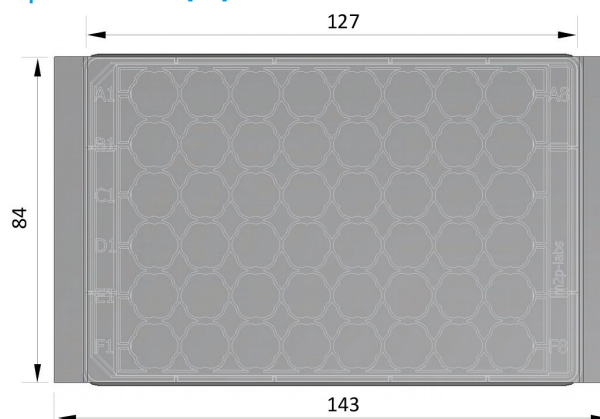
\*2: Gravimetrically determined with water

\*3: Shaking diameter

### Technical data: Performance

Evaporation rate *1	Atmosphere (Air)	Shaking conditions
5.0 ± 0.3 %/d *2	Humidified (> 85 % rel. hum.)	BioLector® n <sub>0</sub> = 1100 rpm d <sub>0</sub> = 3 mm *3
14.2 ± 1.2 %/d *2	Not humidified (≈ 35 % rel. hum.)	BioLector® n <sub>0</sub> = 1100 rpm d <sub>0</sub> = 3 mm *3
22.7 ± 0.6 %/d *2	Not humidified (≈ 35 % rel. hum.)	Shaking incubator n <sub>0</sub> = 250 rpm d <sub>0</sub> = 25 mm *3

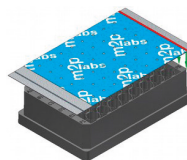
### Top view Dimensions [mm]



### Also available specialized sealing foils

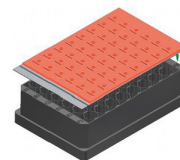
#### Art. No. F-GPR48-10

Recommended for long term cultivations with minimized evaporation.



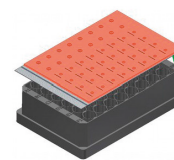
#### Art. No. F-GPRS48-10

For automated long term cultivations with minimized evaporation.



#### Art. No. F-GPRSMF32-1

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



### INFORMATION

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