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# Technical Data Sheet



**Description**

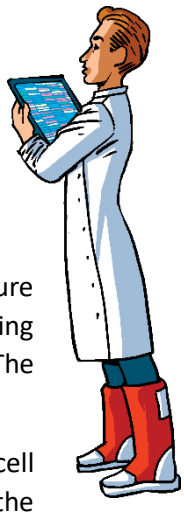
- Cell Culture Adhesive Seal (135 x 80mm) [4Ti-0517]

**Part number**

- 044876

**Pieces by sales**

- 100 sheets



**Technical data**

Adhesive sealing non-woven fiber paper-based seal suitable for bacterial & eukaryotic cell culture.

This Cell Culture Adhesive Seal is a gas permeable adhesive seal which seals assay and tissue culture plates, microplates and storage plates. The seal prevents evaporation and contamination whilst enabling cells to breathe. It is made of a non-woven fiber with an acrylate adhesive layer for effective sealing. The seal has a low moisture transfer rate and a porosity enabling gas exchange.

Due to its paper-based material it should not be used in wet conditions. The seal is suitable for cell culture and enables long term culture with significantly reduced evaporation. For all adhesive seals, the best sealing results are achieved using the hand held Adhesive Seal Roller (044816).

- Quality & Properties
  - Peelable
  - Seal integrity range: -20°C to 40°C
  - Gas permeability rate: 8,900$m^3/m^2$/day
  - Moisture vapor transmission rate (very low): 4,200$g/m^2$/day
  - Air porosity: 10 sec/100 $cc/in^2$

- Applications
  - bacterial and eukaryotic cell culture

- Sheet number / format
  - **100 sheets / 135 x 80mm**
  - Available gamma irradiated : 10 x 10 sheets / 135 x 80mm (044877) [4ti-0517/ST]