

## Olerup SSP® Compression Pad

**Product number:** 103.505-06  
**Package Size:** 6 Pads  
**Storage:** RT

### DESCRIPTION

The Compression Pad is a recommended component of the sealing of the *Olerup SSP®* typing trays during thermal cycling.

### PRODUCT USE

The Compression Pad is applied on top of the Adhesive PCR Seals, that are included in the *Olerup SSP®* typing kits, to prevent evaporation during thermal cycling.

The coarse side is placed upwards in contact with the heated lid of the thermal cycler and the finer/smooth side is placed downwards in contact with Adhesive PCR Seal. The Compression Pad is easy to remove from the PCR plate if the lid of the machine is opened shortly after the run is finished.

However, if the thermal cycler is left for a long time after a run, e.g. over-night, the pad tends to stick to the lid (a). If the machine is allowed to stand at room temperature with the power turned off during night, the pad tends to stick both to the lid and to the Adhesive PCR Seal covering the PCR plate (b).

Please take following precautions:

- a) If Compression Pad sticks to lid: Please make sure to place the coarse side upwards in contact with the heated lid of the thermal cycler and the smooth side downwards in contact with Adhesive PCR Seal.  
To avoid creasing of the Adhesive PCR Seal it is very important to raise the lever of the lid completely before carefully sliding the lid open.
- b) If Compression Pad sticks to both lid and Adhesive PCR Seal: If power is turned off during night, please turn the power back on to allow the lid to warm up for a couple of minutes before gently opening the lid as specified above.

These problems will also significantly decrease if ending the cycling program with a 4°C incubation lasting until the machine is opened and the PCR plate is removed.

To avoid creasing of the adhesive PCR foil, it is important to completely remove any stuck Compression Pad from the lid between PCR runs. If the Compression Pad sticks to the lid of the thermal cycler it can easily be removed after lifting the lid.

### SHIPPING

The Compression Pad is shipped at ambient temperature.

### STABILITY

The Compression Pad should be replaced after a maximum of 250 runs, or earlier, dependent upon the condition of the pad.

### LATEX

The Compression Pad is latex-free.

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