# Eutectic plate, synthetic, -3 °C, 1/1

**Dimensions**

Length: 530 mm

Width: 325 mm

Height: 30 mm

**Model**

The eutectic plate is used to keep food cold using a passive system. It consists of a thermal-shock-resistant synthetic container filled with a special cooling brine. The cooling liquid and cooling brine are physiologically harmless.

As the eutectic plate does not reach its maximum efficiency for cooling until it is completely frozen, it must be frozen in a refrigeration cell or deep freezer. The presence of liquid in the cooling brine reduces performance considerably.

The freezing time depends on the difference between the plate's eutectic temperature (here: -3 °C) and the temperature in the refrigerated room/refrigerator. In this case, a freezing temperature is required that is at least 5 °C lower (colder) than the eutectic temperature.

The following guide values apply:

|  |  |  |
| --- | --- | --- |
| Temperature difference | Freezing temperature | Freezing time |
| 5 °C | -8 °C | About 20 hours |
| 10 °C | -13 °C | About 10 hours |
| 15 °C | -18 °C | About 5 hours |

**Technical data**

Material: PE-HD

Eutectic  
temperature: -3 °C

Maximum permitted  
surface temperature: +60 °C

Weight: 4.2 kg

Brine quantity: 3.2 kg

Refrigerating capacity: 1200 KJ

Use

(for example): BPT 420 K/KB(R)UH

BPT 620 K/KB(R)UH

##### Make

Manufacturer: B.PRO

Model: Eutectic plate,

synthetic, -3 °C, 1/1

Order No. 568136