



**WORLD FIRST**  
*First 100% sustainable solution with barrier properties!*

# FRESH READY MEALS THANKS TO SUSTAINABLE BARRIER

WITH 100% BIODEGRADABLE TRAYS AND SEALING FILMS.



SUSTAINABILITY MEETS INNOVATION

# FIRST BIO-BASED PACKAGING SOLUTION WITH A BARRIER FOR LONGER SHELF LIFE

Gas-flushable, disposable ready-meal trays made of plastic have been around for a long time. However, with a growing awareness of our environment and our duty to protect it, naturessse has set itself the goal of developing menu trays that are not only sustainable and kind to nature, but also keep your ready meals fresh for longer.

Besides being made from fast-growing renewable raw materials and fully compostable materials, the trays should be gas-flushable and easy to seal using a bio sealing film. We have achieved this goal with our MAP solutions and are delighted to be able to present this world first to you.

## What does MAP mean?

The abbreviation MAP stands for «modified atmosphere packaging». This means that after gas-flushing in the packaging, your ready meals are additionally protected from oxygen.

## What makes our MAP solution unique?

- ✓ Additional barrier layer in the tray and in the sealing film, making the product gas-flushable
- ✓ Low permeability of water vapour and oxygen
- ✓ Shelf life of the ready meals up to 10 days thanks to integrated barrier = less food waste
- ✓ Bio sealing film with very good peel and seal properties

- ✓ Made from a fast-growing renewable raw material (tray consists of sugar cane fibres which otherwise remains unused)
- ✓ Biodegradable according to DIN EN 13432 and climate-friendly
- ✓ Guaranteed food-safe
- ✓ Approved quality tested according to EU standards
- ✓ Available in the colours white and nature

## Areas of application for our products?

- ✓ Easy-open, so ideal for takeaways
- ✓ Freezer (-25 °C), microwave and oven safe (up to 200 °C, remove film before heating)
- ✓ For ready meals, convenience food and much more



## MENU TRAY WITH BIO-BARRIER LAMINATION

<b>Item no. 30407</b>	white	22.7×17.8×4.3 cm	1050 ml	1-part
<b>Item no. 30410</b>	natural	22.7×17.8×4.3 cm	1050 ml	1-part
<b>Item no. 30408</b>	white	22.7×17.8×4.3 cm	550/340 ml	2-part
<b>Item no. 30411</b>	natural	22.7×17.8×4.3 cm	550/340 ml	2-part
<b>Item no. 30409</b>	white	22.7×17.8×4.3 cm	400/220/150 ml	3-part
<b>Item no. 30412</b>	natural	22.7×17.8×4.3 cm	400/220/150 ml	3-part

## MENU TRAY RECTANGULAR WITH BIO-BARRIER LAMINATION

<b>Item no. 30731</b>	natural	17.5×12.5×3.5 cm	420 ml
<b>Item no. 30732</b>	natural	17.5×12.5×4.5 cm	520 ml
<b>Item no. 30733</b>	natural	17.5×12.5×5.5 cm	620 ml



Item no. 29042

Item no. 30733

Item no. 31102



Item no. 30734

## TRAY GN ¼ AND ½ WITH BIO-BARRIER LAMINATION

<b>Item no. 30734</b>	white	26.5×16.2×6.5 cm	1600 ml
<b>Item no. 30735</b>	white	32.5×26.5×6.5 cm	3945 ml



Our machine is that easy to use. Watch now!



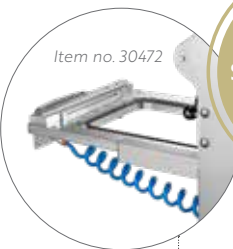
## SEALING MACHINE AND TOOLS

Without gas flushing option

<b>Item no. 18360</b>	Sealing machine	for tool 18887–18889/24367
<b>Item no. 21379</b>	Sealing machine	for tool 21380/21490
<b>Item no. 18887</b>	Tool	for menu tray 30407/30410
<b>Item no. 18888</b>	Tool	for menu tray 30408/30411
<b>Item no. 18889</b>	Tool	for menu tray 30409/30412
<b>Item no. 24367</b>	Tool	for menu tray 30731/30732/30733
<b>Item no. 21380</b>	Tool	for tray GN ½ 30734
<b>Item no. 21490</b>	Tool	for tray GN ¼ 30735

With gas flushing option (MAP, Modified Atmosphere Packaging), **to order**

<b>Item no. 30471</b>	Die-cut sealing machine	for tool 30472
<b>Item no. 30472</b>	Tool	for menu tray 30407–30412



Tool with SLOT FOR GAS FLUSHING



Item no. 30471



Item no. 29042



Find out more about our wide range of applications.

## SEALING FILM

With gas flushing option (MAP, Modified Atmosphere Packaging)

- Item no. 29042** Bio barriere sealing film peelabel  
18.5cm × 350 meters, unprinted  
for sealing machine 18360
- Item no. 30459** Bio barriere sealing film peelabel  
21cm × 350 meters, unprinted  
for sealing machine 30471
- Item no. 31102** Bio barriere sealing film peelabel  
34cm × 350 meters, unprinted  
for sealing machine 21379

### APPLICATION:

Sealing time 0.5 seconds, sealing temperature 110°C



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