

RE/CYCLE

RetortPouch



Recyclable in its entirety

The two new mono-material recyclable pouches are to replace multi-layer and unrecyclable packaging for a variety of products. The aluminium used in most solutions has been substituted with innovative high-barrier films that keep temperatures high and maintain short processing times during the retort process. The packaging protects the product, allows remarkable shelf life and reduces potential food waste.

Benefits:



PP-based mono-material
Different barrier levels available to address several application needs
Withstands high temperatures during retort process
(up to 121°C or 131°C)
Developed to run on existing filling lines
Exceptional shelf-life (up to 12 months, depending on filled product)
Very good sealability
Reverse HD & flexo printing (up to 10 colours)

Applications:



Wet pet food
Retort foods (shelf-stable/ambient ready meals, soups, sauces)

Sustainability:



Recyclable with other flexible packaging where facilities exist
Replaces complex multilayer non-recyclable packaging

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Technical Data:


| Properties | Unit | Value | Method |
|---------------------------|--|---------------------|-----------------------------------|
| Oxygen Transmission | cm ³ /m ³ *d*bar | ≤ 1,0 ^{*)} | DIN 53380 / ISO 2556 |
| Water Vapour Transmission | g/m ³ d | ≤ 1,5 ^{*)} | DIN 53122 / ISO 1195 |
| Sealing range | °C | 130 – 170 | (depending on speed and pressure) |

*) after retort – depends on retort conditions

| Laminate properties of bodyfilm | Unit | Value | Tolerance |
|---------------------------------|------------------|-------|-----------|
| Thickness | µm | 112 | +/- 10 % |
| Weight | g/m ² | 102 | +/- 10 % |

| Dimensions | Unit | Value | Tolerance |
|-----------------------|------|--------|-----------|
| Height | mm | 140 | +/- 1 mm |
| Width | mm | 93 | +/- 1 mm |
| Gusset Height | mm | 20 | +/-1,5 mm |
| Side sealing seam | mm | 6 | +/- 1 mm |
| Tear notch (from top) | mm | 20 | +/- 2 mm |
| Round corners | mm | 4xR6,5 | |

 ***Testing conditions:**
specified at 23 °C and 50% humidity

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SUSTAINABLE BY DESIGN

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