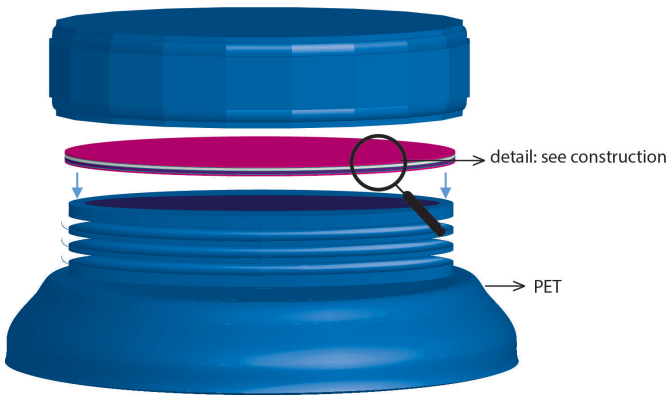


Technical Data Sheet

Gasket, Lining & Sealing Material

MONO-SEAL PET



Construction



Highlights

- One piece foam-backed induction heat seal with a clean peel bond on PET containers.
- Highest oxygen and water vapour barrier due to aluminium layer.
- Laminated structure with excellent bond strength.

Regulatory Compliance

- Regulatory datasheet available on demand.
- Suitable for food contact applications

Physical Properties

| | | Tolerance |
|--|------------------|-----------|
| Standard thickness (µm) | 225 | ± 10 % |
| Diameters of punched seals (mm) | < 50 | ± 0,15 |
| | 50 - 75 | ± 0,20 |
| | > 75 | ± 0,30 |
| Water Vapour Transmission (WVTR) | Essentially zero | |
| Gas (O ₂ , CO ₂ , others) Transmission (GTR) | Essentially zero | |

(1) Declaration based on certificates received from our suppliers.

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Technical Data Sheet

Gasket, Lining & Sealing Material

MONO-SEAL PET

Available as

- Strips with widths from 30 mm up to 1000 mm or punched seals.
- Punched seals available both packed in bulk and oriented in PE-tubes.
- Available with print (Sealed For Your Protection)

Advantages

- Mechanically strong
- Good chemical resistance
- No discoloration
- Good machineability
- No absorption
- Non-toxic and free of odours and taste
- Resistant to microbial growth

Storage Conditions

It is recommended to store the material at room temperature between 15 and 30°C and relative humidity between 30 and 75 %.

The material must be protected from direct sunlight and high atmospheric humidity during storage. Large fluctuations in ambient temperature and high atmospheric humidity may lead to moisture condensing inside the packaging and compromised sealing performance.

Advised Use

For optimum quality and in order to attain the best results:

- the product should be stored at room temperature (15 °C - 25°C) during at least the last 48h leading up to the actual processing.
- it is advisable to use this product within 6 months after production.

Shelf Life

Under the above-mentioned storage conditions, the maximum guaranteed shelf life is 24 months starting from the day the material was produced, as indicated on the product's identification (box, spool or pallet label).

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TEKNI-PLEX
Consumer Products

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