Product Specification

Flat Pouch – Natural Nils



Version: 01/2026 - References: P-TS-0310

PRODUCT INFORMATION

Material Structure:	PAP 90g/m² & Coating
Layout:	Tear notches, Round corners
Available Add-ons:	No Add-ons possible
Thickness of material:	82µm ± 5% (Adhesive & printing included)
Puncture Strength:	>4.02Fmax [N] ± 10%
Sealing Strength:	>2N/15 mm
Heat Seal Range*:	120 – 170 °C
Printing Method:	Digital print; Flexo print; color variations limited to < 3 ΔE

*The heat seal range can vary according to specific pressure and speed of your sealing device

PROTECTION PROPERTIES

Property	Value	Test Method
WVTR (23°C, 50% RH)	<150g/m²*24h	DIN ISO 15106
Grease *(Grease penetration in % for 24 hours)*	Stage 0 (<1%)	ASTM F119
UV *(UV-A,-B,-C; 200-380 nm)*	<1.5%	UV spectroscopy

SUSTAINABILITY

FSC® certified paper | Recyclable | Aluminum free | Solvent free | BPA free | Water based varnish

RECYCLING CODE

22
PAP

Find information about the recycling in our waste management guideline. ☞

CERTIFICATES

MADE FOR RECYCLING interzero®

FSC www.fsc.org FSC® C170984

REGULATION & QUALITY

The pouches are manufactured under conditions following the standards ISO 9001 & BRCGS. The material is MOSH & MOAH free. 100% paper, therefore 100% recyclable.

Please note that dark printing inks may cause the colours in the sealing area to lighten, due to the heat sensitivity of the digital ink pigments. Moreover, it is a more delicate structure to handle compared to plastic structures.

The quality of the pouches is thoroughly inspected at Packiro. Each pouch undergoes rigorous stress tests, including drop and leakage assessments.

NOT SUITABLE FOR

Product containing essential oil | storage in freezer | microwave | oven | sterilisation | pasteurisation | vacuuming | overfilling | overloading | sharp-edged or spiky-shaped products

Please check yourself for usability for your product and shelf life, also considering the filling of the pouch, storage and shipping.

CONDITIONS DE STOCKAGE

The following storage conditions must be observed: An average temperature of 23°C (± 10 %) and 50% relative humidity in a dust-free, dry environment protected from direct sunlight and in original packaging.
Precondition before processing: At least 24 h in original packaging, preferably 48 h near the conversion machine to make sure that the reels and sheets adopt the ambient temperature.

Note: Due to its structure composition, to store it in humid environment may change material characteristics.

Disclaimer: *The above data should be regarded as guide values only. The information given is to the best of our knowledge and experience at the time of printing. We make no warranty, expressed or implied, for specific product properties or the fitness of the product for any specific use or purpose. Film properties may deteriorate with time.*

www.packiro.com I info@packiro.com
+49 (0) 221 8282 7200
Apostelnstraße 1-3 I 50667 Köln

Packiro

AVAILABLE SIZES

Size	XXS	XS	S	M	L	XL
Dimensions WxHxD in mm*	85x100 mm	85x150 mm	100x160 mm	120x190 mm	160x230 mm	190x270 mm
Volume indication	15ml	60ml	75ml	180ml	600ml	950ml
Maximum Filling**	15g	60g	75g	150g	200g	250g
Packaging weight in g	1.46g	2.22	2.81g	4.03g	6.55g	9.16g
Opening diameter	Ø 45 mm	Ø 45 mm	Ø 54 mm	Ø 67 mm	Ø 92 mm	Ø 111 mm

**Dimensions of the pouch and its elements are subject to a production-related tolerance of up to +/- 2 mm.*

*** The maximum weight indicates the limit used during drop testing, which was conducted using sugar. Please test the pouch with your specific product to ensure it meets your requirements.*

Disclaimer: *The above data should be regarded as guide values only. The information given is to the best of our knowledge and experience at the time of printing. We make no warranty, expressed or implied, for specific product properties or the fitness of the product for any specific use or purpose. Film properties may deteriorate with time.*

www.packiro.com I info@packiro.com
+49 (0) 221 8282 7200
Apostelnstraße 1-3 I 50667 Köln