Metalvac Seal Oxygen Barrier

Description:

Metallized paper with heat-sealing functionality, offering barrier performance to oxygen, water vapour and grease.

Heat sealable on the metallized side.

End uses:

Flexible packaging, Food contact, Confectionery packaging

Print methods:

Flexo, Offset, Rotogravure

Certificates:

- PEFC Chain of Custody (multisite)
- FSC Chain of Custody (multisite)
- ISO 14001 Environment
- EMAS Leitza mill
- ISO 50001 Energy Efficiency
- ISO 9001 Quality
- ISO 45001 Health and Safety - Lecta
- FSSC 22000 Food Safety - Leitza
- Paper Profile Metalvac

For further details regarding compliance with food contact regulation, please contact our sales teams.

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Technical specifications

Property	Test Method	Unit	Tolerance	85	95
Substance	ISO 536	g/m²	± 4%	85	95
Thickness	ISO 534	µm	± 5%	72	80
Absolute humidity	ISO 287	%	± 1%	3.5	3.5
Tensile strength MD	ISO 1924-2	kg/15mm	-0.5	7.5	8.5
Tensile strength CD	ISO 1924-2	kg/15mm	-0.5	4.5	5.1
WVTR (38˚C, 90% HR)	ASTM-E96	g/m² · d	≤10	5	5.5
COF din int-int	ISO 8295: 1995	-	0.2-0.5	0.35	0.35
OTR (23˚C, 50% RH)	ASTM 3985	cc/m² ·24h	≤3	1	1
Seal strength (140 ºC, 0.5s, 4 bars)	ASTM 2029	N/25mm	>3,3	4	4

Storage recommendations: Ideally, paper should be stored at 50% (±5%) relative humidity and 23 ºC (±2) and covered with original packaging. Avoid extreme temperature and humidity.

Recommendations of use: Best Before 12 months after dispatch from our factory.

Customers are responsible of their own product testing, evaluation and safety procedures.

Values are subject to change without notice.

Last update: 07/22/2026