

## **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, Digital, Offset, Rotogravure

### **Certificates:**

- [PEFC Chain of Custody \(multisite\)](#)
- [FSC Chain of Custody \(multisite\)](#)
- [REACH regulation Lecta](#)
- [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.

## Metalvac Seal Oxygen Barrier

### Technical specifications

Property	Test Method	Unit	Tolerance	85	95
Substance	ISO 536	g/m <sup>2</sup>	± 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/m <sup>2</sup> (24)	≤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-E96	cc/m <sup>2</sup> (24 h)	≤3	1	1
Seal strength (140 °C, 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 °C (±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: 04/15/2026