

## Metalvac E HWS

### Description:

Metallized label paper with high moisture resistance, designed for returnable bottles. Suitable for beer and other returnable bottle applications, where ink retention and wash-off time is needed. Available in embossed finishes: linen, brushed, and pin-head

### End uses:

Labels for returnable bottles, Wraparound labels, Wet surface labelling, Ice bucket resistant labels

### Print methods:

Conventional offset, Flexo solvent-based, Rotogravure solvent-based

### 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 applications that require specific certifications or approvals, please contact our sales teams.

## Metalvac E HWS

### Technical specifications

Property	Test Method	Unit	Tolerance	63	68	70	73
Substance	ISO 536	g/m <sup>2</sup>	± 4 %	63	68	70	73
Thickness	ISO 534	µm	± 5	55	62	63	65
Gloss (silver, plain)	ISO 7668	%	± 20 %	420	420	420	420
Gloss (silver, embossed)	ISO 7668	%	± 20 %	350	350	350	350
Cobb (uncoated side)	ISO 535	g/m <sup>2</sup>	± 4	18	17	17	17
Absolute humidity	ISO 287	%	± 1	5	5	5	5
Relative humidity	TAPPI T502	%	± 7	47	47	47	47
Dry tensile strength MD	ISO 1924-2	Kg/15mm	≥ 4.5	6	6.5	6.5	6.5
Dry tensile strength CD	ISO 1924-2	Kg/15mm	2.5	4	4.5	4.5	4.5
Wet tensile strength MD	ISO 3781	Kg/15mm	≥1.5 (63-70 gr) / ≥ 1.7 (73 gr)	1.8	2	2	2.1
Wet tensile strength CD	ISO 3781	Kg/15mm	≥1.1 (63-70 gr) / ≥ 1.2 (73 gr)	1.5	1.6	1.6	1.7
Alcali resistance	DIN 16524-7	min	≥ 30	30	30	30	30
Ink retention	DIN 16524-7	%	≥ 85	90	90	90	90

Values are subject to change without notice.

Last update: 04/15/2026