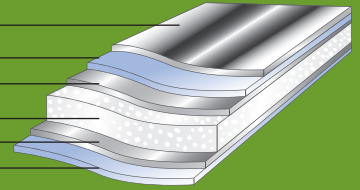


Fima LWM is a metallised white, cavitated BOPP film, specifically developed for wrap around label applications. Suitable for high speed labelling machines and developed to retain treatment levels.

Vacuum deposited layer
Metal-receptive layer
Gloss layer
White opaque BOPP core
BOPP layer
Untreated surface



PRIMARY MARKETS

- Wrap around labels

VALUE ADVANTAGE

- Ultra-high yield film
- Excellent ink adhesion
- No need for boost treating and primer

PRODUCT FEATURES

- Excellent whiteness
- High yield due to low density
- Superior machinability
- Printable and glueable
- Consistent COF
- Excellent web flatness

APPLICATIONS

- Wrap around rollfed & cut and stack

CONVERSION

Treatment & Winding

- One side treated for printing or laminating
- Treatment side outside

Surface Printing

- Gravure, Flexographic
- In-Line corona treatment recommended for roto-offset and UV Flexo
- Excellent web flatness
- Printing and antistatic properties guaranteed for 6 months only
- Run appropriate trials prior to production consulting your ink supplier and Fima

Where static electricity may be generated, use of static eliminator's and RH >50% is recommended.

LAMINATION

Solvent based, solvent free and UV laminations suitable

PROPERTIES	LWM 38	LWM 47	UNIT	MEASURING METHOD
Nominal thickness	38	47	µm	ISO 4591
Density	0.62	0.62	g/cm ³	-
Unit weight	23.56	29.14	g/m ²	ISO 4591
Average yield	42.4	34.32	m ² /kg	ISO 4591
Breaking load				
- machine direction	35	40	N/mm ²	DIN EN ISO 527-1/-3
- transverse direction	85	90	N/mm ²	
Elongation at break				
- machine direction	110	110	%	DIN EN ISO 527-1/-3
- transverse direction	30	30	%	
Coefficient of Friction				
(film/film) (untreated)			-	DIN ISO 8295
(dynamic)	0.40	0.40		
Surface tension treated side*	≥36*	≥36*	mN/m	DIN ISO 8296
Optical Density	2.2	2.2		TOBIAS
Light Transmission	< 1	< 1	%	DIN 53146
Whiteness (Berger)				
Unmetallised side	83	83	%	DIN 5033
*36 mN/m guaranteed for 6 months from delivery				

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The figures and the data provided in this datasheet are consistent with the current state of our knowledge, and are intended to provide general information on our products and their applications. They do not constitute a guarantee of any specific product attributes or the suitability of products for specific applications. Any existing commercial rights or patents must be observed. Certified according to SANS ISO 9001:2000. Compliance with Industrial health and safety standards. FIMA OPP films do not present any significant danger to health and safety in the workplace, provided they are used for the intended purpose in accordance with conventional practices and that health and safety regulations are observed. Relevant guidelines can be found in our safety information.

