

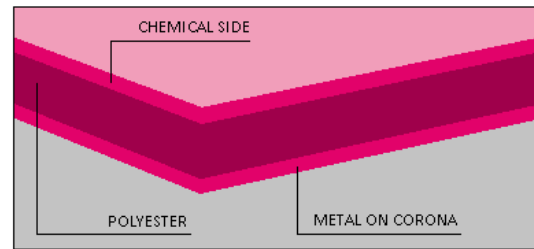
SILVER WET 12 μ

Biaxially oriented polyester film one side metallized on corona and the other side acrylic coated. Metallization improves adhesion to inks and enhances barrier properties to gas and light. The film has excellent dimensional and mechanical stability.

Applications: printing, coating and lamination.

Product code: KML012

Update: March 2021



TECHNICAL FEATURES

PHYSICAL PROPERTIES		TEST METHOD	UNIT	VALUE
Thickness		Internal	micron (μm)	12
Grammage		Internal	g/m ²	16,78
Yield		Internal	m ² /kg	59,6
Co-efficient of friction (metal on corona side)	Static	ASTM D 1894	-	≤0,75
	Dynamic		-	0,65
Wetting tension	Chemical side	ASTM D 2578	Dyne/cm	42
Metal adhesion strength		Internal	g/25mm	250

MECHANICAL PROPERTIES		TEST METHOD	UNIT	VALUE
Tensile strength	MD	ASTM D-882	Kg/cm ²	2200
	TD			2100
Elongation	MD	ASTM D-882	%	100
	TD			90

PHYSICAL PROPERTIES		TEST METHOD	UNIT	VALUE
Shrinkage 150°C , 30min	MD	ASTM D1204	%	2,4
	TD			0,4

OPTICAL PROPERTIES		TEST METHOD	UNIT	VALUE
Haze		Tobias Instrument	-	2,2±5%

BARRIER PROPERTIES		TEST METHOD	UNIT	VALUE
WVTR (37,7°C, 90%RH)		ASTM F1249	g/ m ² /day	0,8
OTR (23°C, 0%RH)		ASTM D 3985-95	cm ³ / m ² /day	1,0

Storage: store in a dry and clean place far from heat sources and humidity (max 30°C and 55% of relative humidity). Do not expose rolls to direct sunlight. Protect the partially used rolls and keep a high stock rotation. The film should be allowed to reach operating room temperature 24 hours before use.

Note: trial tests are recommended before proceeding with full production run so as to verify the suitability of the product for its specific application. Verify the compatibility of the film with inks and adhesives. Please visit our web site for more details.

The values indicated represent the best of our knowledge and experience. They are provided simply as a matter of information, taking no responsibility on their absolute truthfulness. Values may be changed without notice. Mag Data S.p.A gives no warranty, expressed or implied, as to the suitability of the product for any specific application.

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