

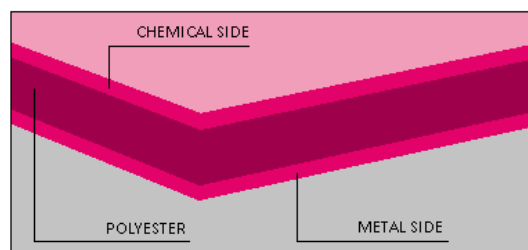
SILVER LUXURY WET 12 μ

Biaxially oriented polyester film chemically treated (acrylic) on one side and metallized on the other side. The chemical coating guarantees excellent adhesion of solvent-based inks and excellent adhesion of the adhesives. In addition, the metallization gives a barrier effect to the film.

Applications: lamination on paper and cardboard and flexible packaging, especially if the packaging is intended for sterilization in boiling water or steam.

Product code: PHM012

Update: March 2021



TECHNICAL FEATURES

PHYSICAL PROPERTIES		TEST METHOD	UNIT	VALUE
Thickness		Micrometer	micron (μm)	12
Grammage		Internal	g/m ²	17
Yield		Internal	m ² /kg	60
Coefficient of friction (STATIC)		DIN 53375		0,4
Surface tension metal side		DIN 53364	Dyne/cm	42

MECHANICAL PROPERTIES		TEST METHOD	UNIT	VALUE
Tensile strength	MD	ISO 527-1-2	N/mm ²	260
	TD			260
Elongation at break	MD	ISO 527-1-2	%	110
	TD			100

THERMAL PROPERTIES		TEST METHOD	UNIT	VALUE
Heat shrinkage (150°C ,15min)	MD	DIN 40634	%	1,4
	TD			0,2

OPTICAL PROPERTIES		TEST METHOD	UNIT	VALUE
Haze (base film)		ASTM D1003	%	2
Transparency of base film				-

Usage in cooking applications: on the base of the information given by the Producer of base (transparent) film we inform that the film is suitable in processes of sterilization, warming up, microwave and traditional oven cooking (up to 175°C for 2 hours). We suggest tests to verify the suitability of the film also in the metallized version (metal side can interfere with microwave cooking process). It is recommended to check possible film changes/shrinkage which depend on the type of food, design and packaging.

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 wait some time after lamination to allow maximum film adhesion before proceeding with further jobs. Please visit our web site for more details.

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