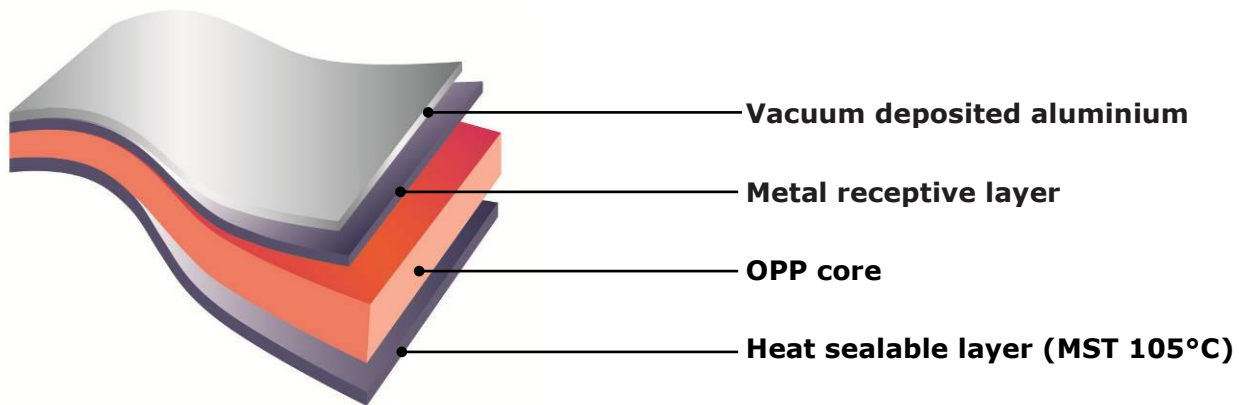




EXTENDO® XZMX

BoPP Multilayer metallised film, ultra high gas barrier properties



PROPERTIES

- Easy lamination and printing like standard metallised BoPP
- Excellent barrier to mineral oils
- Excellent aroma barrier
- Excellent water barrier
- Light and UV barrier
- PVdC coated films replacement, chlorine free

TYPICAL APPLICATIONS

- Lamination
- HFFS and VFFS packaging



EXTENDO® XZMX is designed to provide outstanding moisture, oxygen, aroma, flavor and mineral oil barrier, for ultra-high barrier applications. Typical applications are laminates for oxygen, light and moisture-sensitive products like snacks, soups, coffee.

EXTENDO® XZMX can be converted like standard metallised BoPP films, and laminated with PE, CPP or BoPP films.

.ROLL SIZE AVAILABILITY*

Film	Standard Length (m)	4x (m)	7x (m)
EXTENDO® XZMX 20	3,200	12,800	22,400
Outside diameter – core 76 mm	305 mm	588 mm	
Outside diameter – core 152 mm	337 mm	605 mm	783 mm

* Regional availability of roll sizes (multiples of standard length)-please refer to the corresponding Sales Representative

EXTENDO® XZMX

Properties	Method	Unit	Ref.	Typical values
Nominal thickness	Internal method	µm		20
Unit weight		g/m ²		18.2
Yield		m ² /kg		54.9
Tensile strength	ASTM D882	N/mm ²	MD TD	110 260
Elongation at break		%	MD TD	180 50
Dynamic COF	ASTM D1894		NT/NT	0.30
Optical density (O.D.)	Internal method			2.3
Heat seal range	Internal method	°C	NT/NT	105 ÷ 140
Seal strength	Internal method 130°C ;0.5 s	g/cm		300
Water vapour permeability	ASTM F1249 (38°C - 90% RH)	g/m ² /d		0.10
Oxygen permeability	ASTM D3985 (23°C - 0% RH)	cm ³ /m ² /d		0.10

STORAGE, HANDLING AND APPLICATION

EXTENDO® XZMX does not require special storage conditions. A storage temperature below 30°C is recommended in order to minimise the deterioration of the film properties in general. It is advisable to turn over the inventory according to the delivery date (first in-first out). The film should be conditioned in the operating environment at least for 24 hours before processing. EXTENDO® XZMX is suitable for use up to 6 months from the date of production.

PRINTABILITY/LAMINATION

Before printing or laminating the use of an inline Corona station is highly recommended in order to boost treat the metal surface. Further it is advisable to use adequate primer when the metallised surface is to be printed.

INDICATION OF SURFACE TREATMENT

EXTENDO® XZMX is usually supplied with treatment on the outside surface (TO). EXTENDO® XZMX can be supplied either with treatment on the inside surface (TI) or treated on both sides (DO, DI). This must be agreed with our sales representative before processing the order.

FOOD CONTACT

EXTENDO® XZMX complies with EU and FDA regulations. Specific documents and MSDS are available on request.

The property values represented in the table do not constitute product specifications, but represent the average or typical values. Use of this information is limited to the specific recipient. While the information is accurate to the best of our knowledge as of the date compiled, it is limited to the information as specified. No representation or warranty, expressed or implied, is made regarding the information, or its completeness or fitness to a particular use. The user is solely responsible for all determinations regarding use and we disclaim liability for any loss or damage that may occur from the use of this information. *Ti* does not guarantee the typical (or other) values.

Products will be delivered by Taghleef Industries S.p.A. – Italy