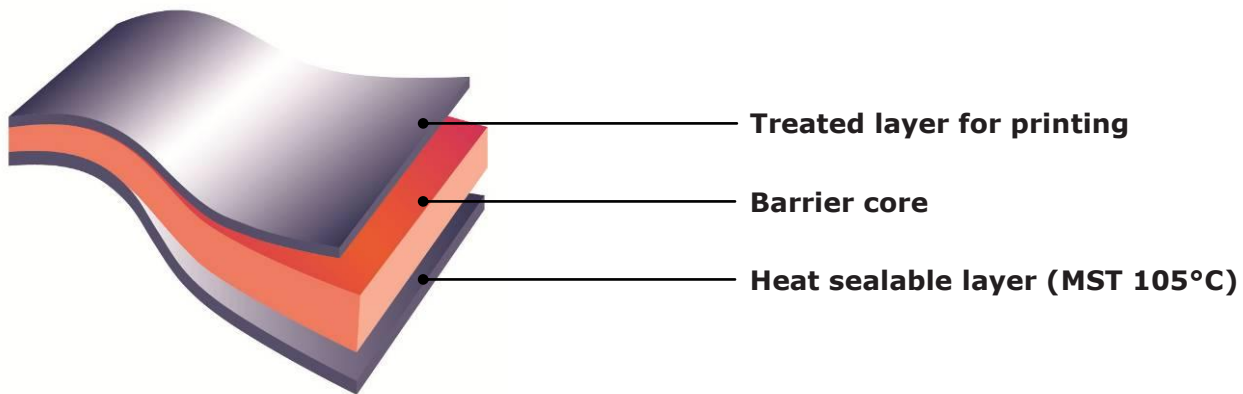




EXTENDO[®] XTMU

BoPP Multilayer film, ultra high gas barrier properties, with excellent transparency and gloss, to be used in laminates, both sides heat sealable.

Testing is recommended for high moisture applications.



PROPERTIES

- High transparency and gloss
- Easy lamination and printing like standard BoPP
- Good barrier to mineral oils
- Excellent aroma barrier
- PVdC coated films replacement, chlorine free
- No special adhesives or printing inks, high speed lamination

TYPICAL APPLICATIONS

- Lamination
- HFFS and VFFS packaging



EXTENDO[®] XTMU provides high oxygen, aroma, flavor and mineral oil barrier. The OTR is designed for ultra-high barrier applications. This film is chlorine free and very robust against mechanical damages, as the barrier layer is within the film and very well protected. Moisture barrier and seal performance are like standard BoPP films.

EXTENDO[®] XTMU can be converted like standard BoPP films, and it's designed for use in laminates with PE, CPP or BoPP films

For applications requiring higher moisture barrier, we recommend the metalized version EXTENDO[®] XZMU

ROLL SIZE AVAILABILITY*

Film	Standard Length (m)	4x (m)	7x (m)
EXTENDO [®] XTMU 20	3,200	12,800	22,400
EXTENDO [®] XTMU 30	2,100	8,400	14,700
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[®] XTMU

Properties	Method	Unit	Ref.	Typical values	
Nominal thickness	Internal method	µm		20	30
Unit weight		g/m ²		18.2	27.3
Yield		m ² /kg		54.9	36.6
Tensile strength	ASTM D882	N/mm ²	MD TD	140 220	
Elongation at break		%	MD TD	120 45	
Dynamic COF	ASTM D1894		NT/NT	0.20	
Haze	ASTM D1003	%		2.0	2.5
Gloss (45°)	ASTM D2457	Gloss Unit		85	
Heat seal range	Internal method	°C	NT/NT	105 - 140	
Seal strength	Internal method 130°C ;0.5 s	g/cm		200	
Treatment Level	ASTM D2578	mN/m		38	
Water vapour permeability	ASTM F1249 (38°C - 90% RH)	g/m ² /d		7.5	5.0
Oxygen permeability	ASTM D3985 (23°C - 0% RH)	cm ³ /m ² /d		0.10	

STORAGE, HANDLING AND APPLICATION

EXTENDO[®] XTMU 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[®] XTMU is suitable for use up to 6 months from the date of production.

INDICATION OF SURFACE TREATMENT

EXTENDO[®] XTMU is usually supplied with treatment on the outside surface (TO). EXTENDO[®] XTMU 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[®] XTMU complies with EC 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