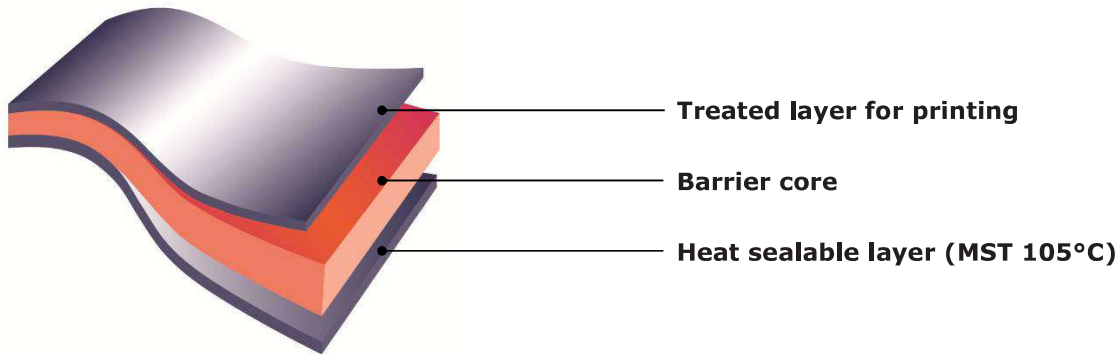




## EXTENDO® XTMH

**BoPP Multilayer film, high gas barrier properties, with excellent transparency and gloss, both sides heat sealable.**



### PROPERTIES

- High transparency and gloss
- Easy lamination and printing like standard BoPP
- Excellent 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® XTMH provides high aroma, flavor, mineral oil and oxygen barrier. The OTR is designed for general purpose high barrier applications with medium to high barrier requirements, whilst moisture barrier and seal performance are like standard BoPP films. This film is chlorine free and very robust against mechanical damages, as the barrier layer is within the film and very well protected. EXTENDO® XTMH can be converted like standard BoPP films, and laminated against Paper, PE, CPP or BOPP films.

### ROLL SIZE AVAILABILITY\*

Film	Standard Length (m)	4x (m)	7x (m)
EXTENDO® XTMH 20	3,200	12,800	22,400
EXTENDO® XTMH 30	2,100	8,400	14,700
EXTENDO® XTMH 40	1,600	6,400	11,200
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® XTMH

Properties	Method	Unit	Ref.	Typical values		
Nominal thickness	Internal method	µm		20	30	40
Unit weight		g/m <sup>2</sup>		18.2	27.3	36.4
Yield		m <sup>2</sup> /kg		54.9	36.6	27.5
Tensile strength	ASTM D882	N/mm <sup>2</sup>	MD TD	140 220		
Elongation at break		%	MD TD	170 60		
Dynamic COF	ASTM D1894		NT/NT	0.20		
Haze	ASTM D1003	%		2.0	2.5	
Gloss (45°)	ASTM D2457	Gloss Unit		90		
Heat seal range	Internal method	°C	NT/NT	105 - 140		
Seal strength	Internal method 130°C ;0.5 s	g/cm		180	200	
Treatment Level	ASTM D2578	mN/m		38		
Water vapour permeability	ASTM F1249 (38°C - 90% RH)	g/m <sup>2</sup> /d		7.5	5.0	3.5
Oxygen permeability	ASTM D3985 (23°C - 0% RH)	cm <sup>3</sup> /m <sup>2</sup> /d		13		

### STORAGE, HANDLING AND APPLICATION

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

### INDICATION OF SURFACE TREATMENT

EXTENDO® XTMH is usually supplied with treatment on the outside surface (TO). EXTENDO® XTMH 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® XTMH 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**