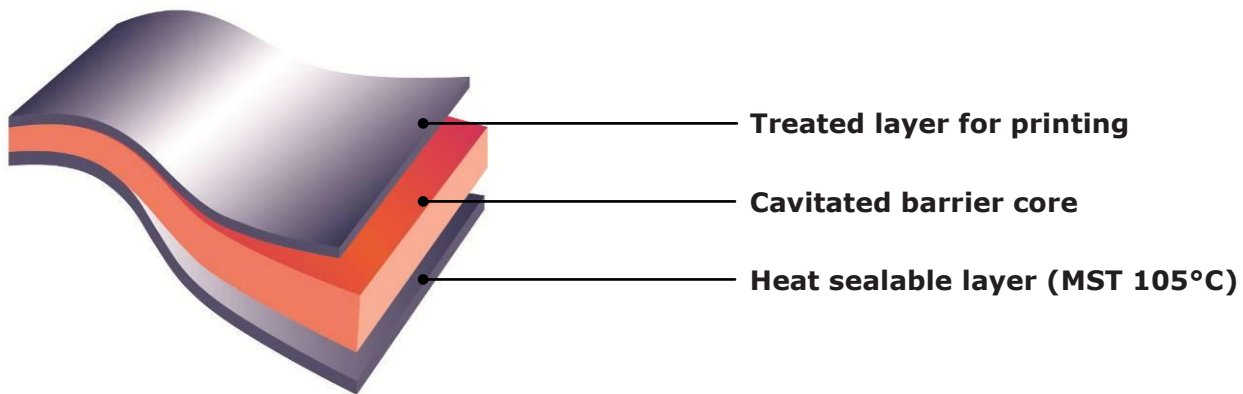




EXTENDO[®] XRDH

BoPP Multilayer white voided film, high gas barrier properties, both sides heat sealable.



PROPERTIES

- White voided, high gloss
- Easy lamination and printing like standard BoPP
- Excellent barrier to mineral oils
- Excellent aroma barrier
- PVdC coated films replacement, chlorine free
- No risk of surface damage

TYPICAL APPLICATIONS

- Lamination
- HFFS and VFFS packaging



EXTENDO[®] XRDH is a white voided film, and provides high aroma, flavor, mineral oil and oxygen barrier. 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 is like standard white voided BoPP films. EXTENDO[®] XRDH is specially designed for cold seal applications with medium oxygen barrier requirements. It can be printed and eventually laminated like standard BoPP films. Typical applications include light and oxygen-sensitive products like cereals, chocolate and muesli bars.

ROLL SIZE AVAILABILITY*

Film	Standard Length (m)	4x (m)	7x (m)
EXTENDO[®] XRDH 35	1,800	7,200	12,600
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[®] XRDH

Properties	Method	Unit	Ref.	Typical values
Nominal thickness	Internal method	µm		35
Unit weight		g/m ²		24.5
Yield		m ² /kg		40.8
Tensile strength	ASTM D882	N/mm ²	MD TD	90 150
Elongation at break		%	MD TD	130 35
Dynamic COF	ASTM D1894		NT/NT	0.25
Light Transmission	ASTM D1003	%		30
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		
Treatment Level	ASTM D2578	mN/m		38
Water vapour permeability	ASTM F1249 (38°C - 90% RH)	g/m ² /d		5.5
Oxygen permeability	ASTM D3985 (23°C - 0% RH)	cm ³ /m ² /d		18

STORAGE, HANDLING AND APPLICATION

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

INDICATION OF SURFACE TREATMENT

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