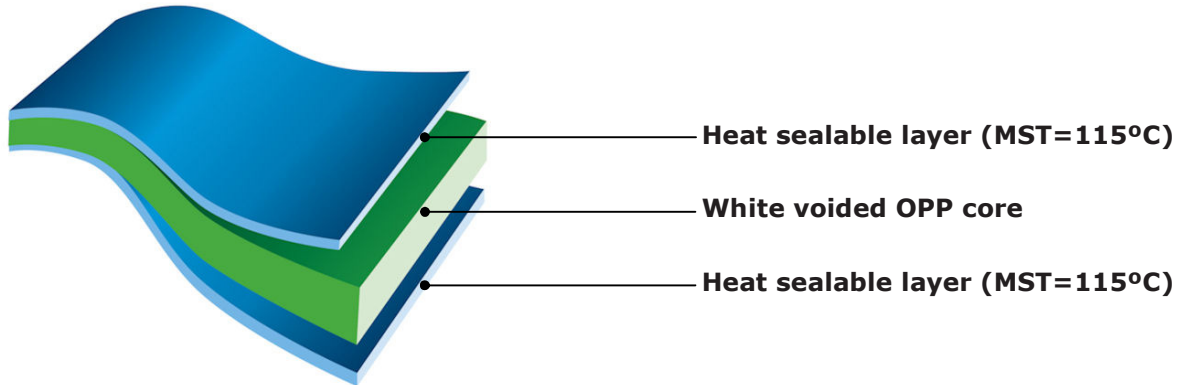




# ESO

**BoPP white voided film, both sides sealable, slip modified, non-treated**



## PROPERTIES

- Consistent and improved slip
- Excellent hot slip
- White pearlescent appearance
- High yield
- Good light protection
- Heat sealable on both sides

## TYPICAL APPLICATIONS

- Single web structure; non printable
- Overwrapping

## ROLL SIZE AVAILABILITY\*

Film	Standard Length (m)	4x (m)	6x (m)	8x (m)
<b>ESO 30</b>	2,100	8,400	12,600	16,800
<b>ESO 35</b>	1,800	7,200	10,800	14,400
Outside diameter - core 76 mm	305 mm	588 mm	716 mm	825 mm
Outside diameter - core 152 mm	337 mm	605 mm	730 mm	838 mm

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

Properties	Method	Unit	Ref.	Typical values	
Nominal thickness	Internal method	µm		30	35
Unit weight		g/m <sup>2</sup>		21.9	25.6
Yield		m <sup>2</sup> /kg		45.7	39.1
Tensile strength	ASTM D882	N/mm <sup>2</sup>	MD TD	60	150
Elongation at break				%	MD TD
Opacity	DIN 53146	%		80	84
Dynamic cof	ASTM D1894		NT/NT	0.30	
Heat seal range	Internal method	°C	NT/NT	115-140	
Seal strength	Internal method 130°C ;0.5 s	g/cm		150	

Tolerance		
Weight	≤ 1.000 kg	± 20%
	1.001-10.000 kg	± 10%
	> 10.000 kg	± 5%

## STORAGE, HANDLING AND APPLICATION

ESO film does not require special storage conditions. A storage temperature between 20°C to 30°C is recommended in order to minimise the deterioration of the film properties in general. ESO film is non printable and it is recommended that the film surface should not be treated or modified for adhesion of inks and adhesives. It is advisable to turnover the inventory according to the delivery dates (first in-first out). The film should be conditioned in the operating environment for at least 24 hours before processing. ESO film is suitable for use up to 6 months from the date of production.

## INDICATION OF SURFACE TREATMENT

ESO is supplied without treatment (NT).

## FOOD CONTACT

ESO film complies with EU and FDA regulations. Specific document and MSDS are available upon 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.