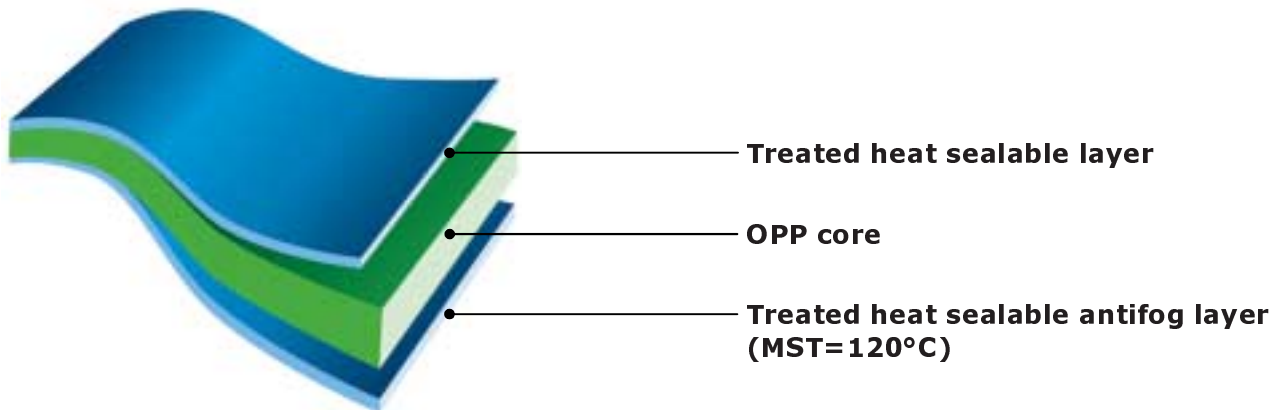




TAF

BoPP transparent film, one side antifog, both sides heat sealable, treated



PROPERTIES

- Excellent antifog properties
- Excellent optical properties
- Heat sealable on both sides
- Good mechanical properties
- Good antistatic and slip properties

TYPICAL APPLICATIONS

- Display packaging for fresh produce
- Rotogravure and flexographic printing
- Lamination
- Single web structure
- HFFS and VFFS packaging

ROLL SIZE AVAILABILITY*

Film	Standard Length (m)	4x ** (m)	7x (m)
TAF 25	2,550	10,200	17,850
TAF 30	2,100	8,400	14,700
TAF 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

**Length rolls on 152 mm cores will be produced with reduced length in Europe to maintain roll diameters below 600 mm

Properties	Method	Unit	Ref.	Typical values		
Nominal thickness	Internal method	µm		25	30	35
Unit weight		g/m ²		22.8	27.3	31.9
Yield		m ² /kg		44.0	36.6	31.4
Tensile strength	ASTM D882	N/mm ²	MD TD	140 280		
Elongation at break		%	MD TD	160 60		
Haze	ASTM D1003	%		3.0		
Gloss (45°)	ASTM D2457	Gloss Unit		80		
Dynamic cof	ASTM D1894		AF/AF	0.20		
Thermal shrinkage	OPMA TC4(a)	%	MD TD	6.0 3.0		
Heat seal range	Internal method	°C		120÷140		
Seal strength	Internal method 130°C ;0.5 s	g/cm		300		
Treatment level (printable side)	ASTM D2578	mN/m		38		
Oxygen permeability	ASTM D3985 23°C 0% RH	cm ³ /m ² /d		2000	1600	1400
Water vapour permeability	ASTM F1249 (38°C - 90% RH)	g/m ² /d		6.2	5.3	4.4

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

STORAGE, HANDLING AND APPLICATION

TAF 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. TAF is suitable for use up to 3 months from the date of production.

INDICATION OF SURFACE TREATMENT

TAF is usually supplied with treatment on the outside surface (DO) for printing and lamination. The antifog side is on the inside treated surface.

FOOD CONTACT

TAF 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.