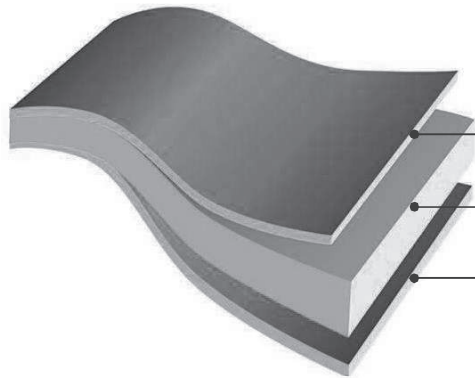




TAE

BoPP transparent film, one side antifog, one side wide heat seal range , treated



Treated printable layer

OPP core

Treated heat sealable antifog layer
(MST=110°C)

PROPERTIES

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

TYPICAL APPLICATIONS

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

ROLL SIZE AVAILABILITY*

Film	Standard Length (m)	4x (m)	6x (m)	8x (m)
TAE 20	3,200	12,800	19,200	25,600
TAE 25	2,550	10,200	15,300	17,850
TAE 30	2,100	8,400	12,600	14,700
TAE 35	1,800	7,200	10,800	12,600
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

TAE

Properties	Method	Unit	Ref.	Typical values			
Nominal thickness	Internal method	µm		20	25	30	35
Unit weight		g/m ²		18.2	22.8	27.3	31.9
Yield		m ² /kg		54.9	44.0	36.6	31.4
Tensile strength	ASTM D882 DIN 53455	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	DIN 53375 ASTM D1894		AF/AF	0.20			
Thermal shrinkage	OPMA TC4(a)	%	MD TD	6.0 3.0			
Heat seal range	Internal method	°C	AF/AF	110 - 140			
Seal strength	Internal method 130°C ;0.5 s	g/cm		180	200	250	300
Treatment level (printable side)	ASTM D2578	mN/m		38			
Oxygen permeability	DIN 53380 ASTM D3985 23°C 0% RH	cm ³ /m ² /d		2000	1800	1600	1400
Water vapour permeability	ASTM F1249 (38°C - 90% RH)	g/m ² /d		7.0	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

TAE film does not require special storage conditions. A storage temperature below 30°C is recommended in order to minimize the deterioration of the film properties in general. It is advisable to turn over 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. TAE film is suitable for use up to 6 months from the date of production.

TREATMENT INDICATION

TAE 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

TAE film complies with EU and FDA regulations. Specific document and safety data sheet 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.