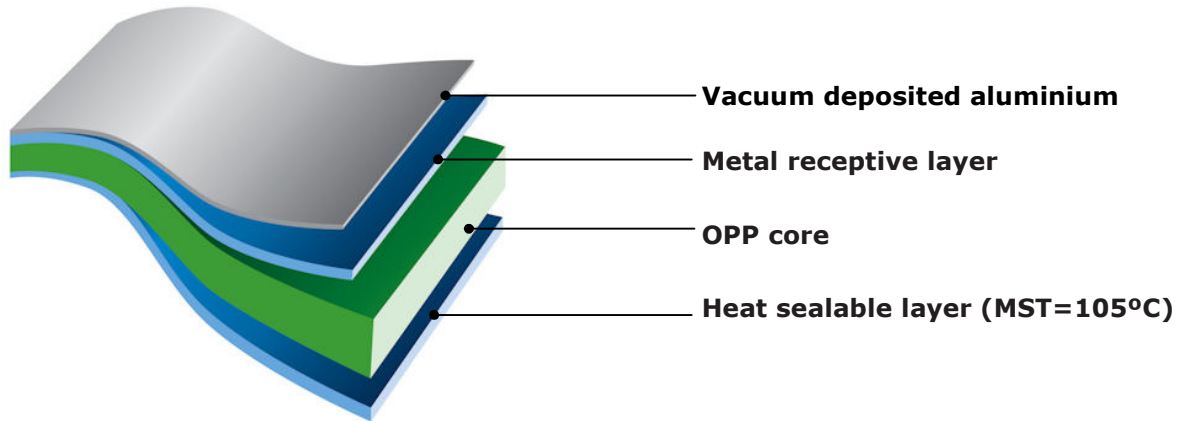




ZVB

BoPP metallised film, heat sealable, high barrier.



PROPERTIES

- Excellent moisture barrier properties
- Excellent gas barrier property
- High light barrier property
- Heat sealable on the non metallised side

TYPICAL APPLICATIONS

- Very high barrier
- Metallisation greatly enhances aesthetics
- Particularly indicated where light, moisture or gas barrier properties are required
- Typically laminated on the metallised side with TSS (i.e. chips and snack packaging)

ROLL SIZE AVAILABILITY*

Film	Standard Length (m)	4x (m)	6x (m)	8x (m)
ZVB 15	4,250	17,000	25,500	34,000
ZVB 18	3,550	14,200	21,300	28,400
Outside diameter – core 76 mm	305 mm	588 mm	716 mm	825mm
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		15	18
Unit weight		g/m ²		13.7	16.4
Yield		m ² /kg		73.3	61.1
Tensile strength	ASTM D882	N/mm ²	MD TD	130 230	
Elongation at break		%	MD TD	200 60	
Optical density (O.D.)	Internal Method			2.4	
Dynamic cof	ASTM D1894		NT/NT	0.30	
Thermal shrinkage	OPMA TC4(a)	%	MD TD	6.0 3.0	
Heat seal range	Internal method	°C	NT/NT	105-140	
Seal strength	Internal method 130°C ;0.5 s	g/cm		180	
Oxygen permeability	ASTMD3985 (23°C - 0% RH)	cm ³ /m ² /d		25	
Water vapour permeability	ASTM F1249 (38°C - 90% RH)	g/m ² /d		0.20	

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

STORAGE, HANDLING AND APPLICATION

ZVB does not require special storage conditions. A storage temperature between 20 °C and 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. ZVB is suitable for use up to 6 months from the date of production..

PRINTABILITY/ LAMINATION

In line refreshment of corona treatment is strongly recommended before processing the material. An adequate primer is recommended when the metallised surface is to be printed.

The metallised surface can normally be laminated with appropriate products.

TREATMENT INDICATION

ZVB film is normally supplied with the metallised side on the outside surface (TO).

ZVB film can also be supplied with the metallised side on the inside surface (TI).

FOOD CONTACT

ZVB film complies with EC 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.