

POZOFIX® VX3

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Description: multilayer co-extruded heat shrinkable transparent polyethylene antistatic film produced using the technology of extrusion and following blowing

Properties: the film features good moisture barrier, heat shrinkability, good biaxial strength and both-side heat-sealability

Applications: it is suitable for the tight wrapping and overwrapping of consumer goods as outer protective wrap. The loading of packaging material depends on the thickness of the film. Customers are recommended to verify the suitability of film for the intended application in advance.

The film can be produced and supplied as a semi-hose or film web and is supplied with or without printing, wound in rolls. In the production of the films Chemosvit Folie, s.r.o. uses raw materials that can be considered harmless to health and comply with the Commission Regulation (EU) No 10/2011.

Properties	Test method	Unit	POZOFIX® VX3											
Nominal thickness	ISO 4593	μm	40	45	50	55	60	65	70	80	90	100		
Tolerance of thickness (individual values)		μm	± 6					± 7			± 9			
Tolerance of thickness (arith.mean)		%	± 9					± 10			± 10			
Unit weight	ISO 4591	g/m ²	37,1	41,8	46,4	51,0	55,7	60,3	65,0	74,3	83,4	92,7		
Permissible deviation (of arith.mean)		%	± 9					± 10			± 10			
Yield		m ² /kg	27,0	23,9	21,6	19,6	18,0	16,6	15,4	13,5	12,0	10,8		
Tensile strength MD / TD min.	STN EN ISO 527-1,3	MPa	18/16		20/18				22/20					
Seal strength NT/NT min.	internal method		6		6		8		12		15			
Optimum laboratory seal conditions	temperature/pressure/time	N/15 mm	130° C / 0,3MPa /1s											
Coefficient of friction	STN EN ISO 8295	-	Tr/Tr		min 0.20									
Wettability for printing	STN EN ISO 8296	mN/m	40 - 42											
Thermal Shrinkage MD min	ASTM D 2732	%	65				60				55			
Thermal Shrinkage TD min			35				30				25			
Conditions: temperature /heating time/cool time			125° C ± 2° C / 20s /5s											

The declared unit weight relates to the film without printing and does not consider ink addition depending on individual reference picture.

MD- machine direction,
TD - transverse direction
Tr - treated side

Symbols and marks used with packaging material:
The food contact layer is without printing



Recommended storage conditions: 5°C - 25°C / 30-65 % RH to keep in a dry and ventilated room, away from any source of local heating and protect from direct sunlight and kept from dust. The film should be stored in its original wrapping.

In keeping the optimum storage conditions, the film characteristics are maintained for 6 months from the date of production.

The warranty does not apply to the films with corona -treated, the film must be converted within three months from the day.

The film should be stored for 24 hrs. before use at the room temperature.

Tolerances in quantity (opposite in the order)

	≤ 1.000 kg	± 20%	by running	≤ 10.000 bm	± 5%
in case of sale	1.001 - 10.000 kg	± 10%	meters	> 10.000 bm	± 2%
by weight:	> 10.000 kg	± 5%			

Developed by: Chemosvit Folie, s.r.o. Svit - department of technical standardization