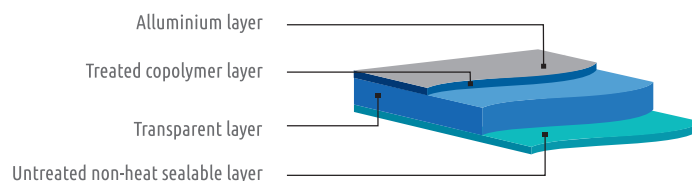


Description

**BOPP film metallized on a transparent base,
non-heat sealable,
with activation on one side,
with a long shelf life of activation,
for printing, lamination and
decorative packaging**



Properties	Unit	Limit	Method	Value					
Thickness*	µm	±5%	ISO 4591, 4593 GOST 17035	15	20	25	30	35	40
Density	g/cm ³	±10%	WATERFALL PRO	0,91					
Weight m ² *	g/m ²	±5%	GOST 13199	13,65	18,20	22,75	27,30	31,85	36,40
Tensile strength*	MD	N/mm ² (МПа)	not less	ASTM D882 ISO 527 GOST 14236	140				
	TD				250				
Elongation at break*	MD	%	not more	ASTM D1894 GOST 27492	200				
	TD				70				
Kinetic coefficient of friction	UT / UT	-	±0,10	ASTM D1894 GOST 27492	0,35				
Shrinkage at 120°C, 5 мин*	MD	%	not more	ASTM D1204	4				
	TD				2				
Heat sealing strength	-	N/15 mm	-	ASTM F88/F88M, D882 ISO 527	non-heat sealable				
Minimal heat sealing temperature	-	°C	-	WATERFALL PRO	non-heat sealable				
Surface tension	T	mN/m (dyn/cm)	not less	ASTM D2578 ISO 8296	36				
Optical density	-	OD	not less	WATERFALL PRO	1,8				
MD – machine direction TD – transverse direction		T – treated side UT – untreated side		* indicators are measured on BOPP film – base for metallization					

Main characteristics

- long-term activation
- excellent adhesion of aluminium cover
- excellent optical properties
- excellent barrier properties
- high coefficient of friction

Application

- for decorative packaging/wrapping
- for packet machines
- for packaging tape production
- for wrap-around label for bottles
- [For packing](#)
- in cases, when heat sealing is not required
- with hot (heat sealing) and cold (using cold glue) seal formation
- manual application in decorative packaging

For lamination

- with other films and materials
- using solvent and nonsolvent (extrusive) lamination

For printing

- high-quality rotogravure and flexographic print
- using solvent paint

Storage

- films should be stored on the pallets in a closed dry place and should not be exposed to direct sunlight, at a safe distance of not less than 1 m from heating devices or anything that can cause damage the package
- the film should be kept in workplace not less than 48 hours before being used
- guaranteed storage period – 6 months from production date

Treatment

- the guaranteed period for maintaining the minimum permissible level of surface tension on the activated film surface from the date of manufacture, subject to proper storage conditions, is 3 months
- in the interests of minimizing the deterioration of surface dressing level, it is recommended to store the film at a temperature of no higher than 30°C and use it in a short time

Recycling

- it's recommended to use primer when printing on metallized surface

Reeling

- maximum roll diameter 800 mm
- film width in a roll from 290 to 2000 mm
- diameter of paper cores (inside) 76, 152 mm

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