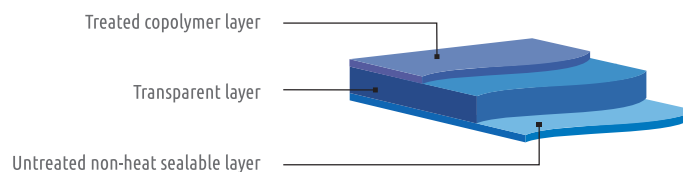


Description

**BOPP film transparent,
non-heat sealable,
with activation on one side,
for printing, lamination and production
of adhesive tapes – scotch tape**



Properties		Unit	Limit	Method	Value															
Thickness		μm	±5%	ISO 4591, 4593 GOST 17035	18	20	23	24	25	26	27	28	30	31	32	35	40			
Density		g/cm ³	±10%	WATERFALL PRO	0,91															
Weight m ²		g/m ²	±5%	GOST 13199	16,38	18,20	20,93	21,84	22,75	23,66	24,57	25,48	27,30	28,21	29,12	31,85	36,40			
Tensile strength	MD	N/mm ² (Mpa)	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 / MT	-	ASTM D1894 GOST 27492	0,35															
Shrinkage at 120°C, 5 min	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															
Haze		-	%	ASTM D1003 GOST R 8.829	2,0															
Gloss		T	%	ASTM D2457	85															
Surface tension**		T	mN/m (dyn/cm)	ASTM D2578 ISO 8296	38															

MD – machine direction
TD – transverse direction

T – treated side
UT – untreated side

* these are typical values, guaranteed for the untreated side only. When processing on both sides, this value is not regulated
** with double-side treatment (if ordered), the activation of the second side (usually the inside of the roll) is not less than 36 mN/m

Main characteristics

- good optical properties – transparency and gloss
- good mechanical properties
- low shrinkable for maintaining print sizes during glue drying

Application

- use for adhesive tapes production – the scotch with melt and waterborne glues
- self using in decorative package
- [For lamination](#)
- with other films and materials (if necessary)
- with method of the solvent or nonsolvent (extrusion) lamination

[For printing](#)

- high-quality rotogravure and flexographic print
- with the use of 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 6 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

- in the process of printing and lamination it is recommended to perform corona treatment

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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