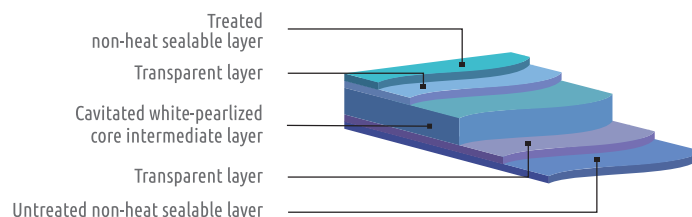


Description

White-pearlized BOPP label film



Properties	Unit	Limit	Method	Value
Thickness	μm	±5%	WATERFALL PRO	35
Density	g/cm ³	±10%		0,68
Weight m ²	g/m ²	±5%		23,80
Tensile strength	MD	N/mm ² (MPa)	ASTM D882 ISO 527	80
	TD			150
Elongation at break	MD	%	GOST 14236	200
	TD			70
Kinetic coefficient of friction	untreated side / untreated side	-	ASTM D1894 ISO 8295 GOST 27492	0,3
Shrinkage at 120°C, 5 min	MD	%	ASTM D1204 ISO 11501 GOST 18616	4
	TD			2
Heat sealing strength at 130°C, 1 bar, 1 sec	-	N/15 mm	ASTM F88/F88M D882 ISO 527 GOST 27319	non-heat sealable
Heat sealing temperature	-	°C	WATERFALL PRO	non-heat sealable
Optical transmission	-	%	ASTM D1003 ISO 14782 GOST 15875	30
Gloss	treated side	%	ASTM D2457 ISO 2813	85
Surface tension	treated side	mN/n (dyn/cm)	ASTM D2578 ISO 8296	38

MD – Machine Direction; TD – Transverse Direction

Main characteristics

- high print adhesion
- high antistatic properties
- high level of non-transparency and gloss
- good whiteness
- preserves label form
- high labeling speed

Application

- for wrap-around label for PET bottles
- for production of self-adhesive labels at 48-60 μm
[For labeling machines](#)
- with production speed of 10 000 – 40 000 bottles/hour
- with the use of cold and molten glue
[For printing](#)
- high-quality rotogravure and flexographic print
- with the use of special UV-offset and UV-flexo inks with primer coating
- direct

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:

- for all film types (except metallized) – 6 months;
- for metallized film – 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

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

Attention! Information specified in this document is for reference only; it contains averaged technical characteristics of Waterfall Pro LLC products based on results of laboratory tests performed in Waterfall Pro LLC standard operation conditions. Waterfall Pro LLC gives no representations and/or warranties and is expressly relieved from any liability for infringement of any third parties' intellectual property rights arising from processing of Waterfall Pro LLC products.

Testing of Waterfall Pro LLC products in order to determine their suitability in terms of meeting specific objectives of a person intending to purchase Waterfall Pro LLC products is the sole responsibility of such a person who shall be responsible for any consequences related to processing and use of Waterfall Pro LLC products.

This document does not constitute a quotation and its provision to any person shall not create any rights and duties on the part of Waterfall Pro LLC.