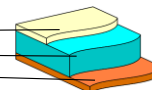


Corona treated, heat sealable skin layer with low coefficient of friction, designed for printing
 Transparent, specially designed, oriented polypropylene core layer
 Antifog, corona treated, heat sealable skin layer with low coefficient of friction



DESCRIPTION:

Transparent, antifog, both side corona treated BOPP film,
 for high quality rotogravure and flexographic printing,
 for the production of packaging for salads and vegetables.

Properties		Methods			Unit	HASL					
Thickness, ± 5%		BIAXPEN			mkm	20	25	30	35	40	
Density *					g/cm ³ 0,91						
Weight, ± 5%					g/m ² 18,20 22,75 27,30 31,85 36,4						
Yield, ± 5%					m ² /kg 54,95 43,96 36,63 31,40 27,47						
Tensile strength, not less	MD	GOST 14236	ISO 527	ASTM D882	N/mm ² , MPa	130		140			
	TD					230		250			
Elongation at break, not more	MD					220		200			
	TD					80		70			
Kinetic coefficient of friction	P / P	GOST 27492	ISO 8295	ASTM D 1894	---	0,25				+ 0,1	
	AF / AF									- 0,1	
Thermal shrinkage at 120°C, 5 min, not more	MD	GOST 18616	ISO 11501	ASTM D1204	%	5		4			
	TD					2		2			
Heat sealing strength at 130°C, 1bar, 1 sec, not less		P / AF	GOST 27319	ISO 527	ASTM D 882, ASTM F 88	N/15mm	2,3		2,8		
Haze, not more		GOST 15875	ISO 14782	ASTM D 1003	%	3		3,2			
Gloss at 45°, not less		P	BIAXPEN	ISO 2813	ASTM D 2457	%	85				
Heat sealing range at 1bar, 1sec.*		P / AF	BIAXPEN			°C	120 - 140				
Treatment level, not less		P	---	ISO 8296	ASTM D 2578	Dyne/cm, mN/m	38				
Antifog properties, not less		AF	BIAXPEN			---	7 D				
Water vapour transmission rate at 38°C, 90% rel.humidity, 24h *		BIAXPEN	---	ASTM F 1249	g/m ² /24h	6,5	5,2	4,3	3,7	3,3	
Oxygen transmission rate at 23°C, 0% rel.humidity 24h *		BIAXPEN	---	ASTM D 3985	cm ³ /m ² /24h	2650	2100	1750	1500	1300	

MD - Machine direction;
 TD - Transverse direction;

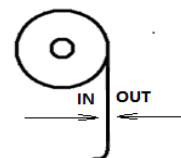
P - Printable side
 AF - Antifog film side

OUT - the outside of the roll;
 IN - the inside of the roll;

* Typical values;
 GOST - Russian Federation standards.

MAIN PROPERTIES:

- One side has an antifog properties;
- Another side for printing;
- antifog properties for 6 month;
- low coefficient of friction on both sides;
- both side heat sealable;
- high optical and physical-mechanical properties;
- contains a slip-antiblock and special additives;
- intended for contact with food;
- without blocking in unwinding;
- without coatings or primer.



APPLICATION:

- High quality rotogravure and flexographic solvent based printing;
- production of flexible packaging, requiring no fogging during packed product storage;
- packing lettuce, shredded vegetables, herbs, etc.;
- packaging for vertical VFFS and horizontal HFFS packaging machines;
- application temperature with packed product + 5 °C;
- when order please specify antifog side: IN or OUT;
- AF side and printable side is mentioned in each roll label.

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