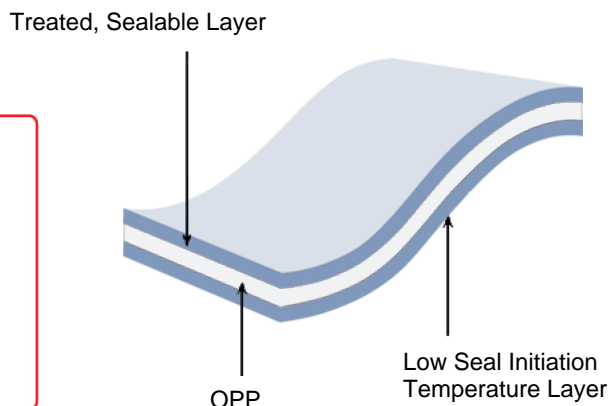




DESCRIPTION:

Versatile transparent coextruded OPP film. Two side sealable, one-side treated, wide seal range.



CHARACTERISTICS

- High seal strength and integrity.
- Excellent hot tack.
- Highly stable slip and treatment level.
- Excellent flatness and gauge profile with guaranteed yield.
- Superior optical properties.
- Very good dimensional stability for printing and laminating.

APPLICATIONS AND PROCESSING

- For products such as snacks biscuits pasta and non-food products.
- For high speed HFFS, VFFS and overwrapping machines.
- Highly versatile for unsupported or laminated applications.
- Compatible with a wide variety of inks and adhesives.
- Flexographic and rotogravure printable.

TECHNICAL DATA

Generated: Mar 20 2011 REV. Nov. 2007

PROPERTIES	TEST CONDITIONS	UNITS	VALUE							
			15	17	20	23	25	30	35	40
THICKNESS	ASTM D374	µm	15	17	20	23	25	30	35	40
UNIT WEIGHT	ASTM D4321	g/m ²	13.5	15.5	17.7	20.8	22.1	26.5	31.6	36.1
YIELD	ASTM D4321	m ² /kg	73.8	64.4	56.5	48.1	45.2	37.7	31.6	27.7
WETTING TENSION	ASTM D2578	dyne/cm	38	38	38	38	38	38	38	38
COEFFICIENT OF FRICTION (Kn.)	ASTM D1894	Untreated / Untreated	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
COEFFICIENT OF FRICTION (Kn.)	ASTM D1894	Treated / Treated	0.30	0.30	0.30	0.20	0.20	0.20	0.20	0.20
SEAL STRENGTH	ASTM F88 20psi, 239°F, 0.5sec Probe width: 1in Peeling speed 12 in/min	N/25mm	4.5	4.7	5.0	5.5	5.8	6.5	7.5	8.5
HAZE	ASTM D1003	%	2.2	2.2	2.2	2.5	2.5	2.5	2.5	2.5
GLOSS	ASTM D2457 Angle: 45 Degrees	%	84	84	84	84	84	84	84	84

Information provided is consistent with our general knowledge based on internal testing and historical observation. This information does not constitute a specification. Information relating to use in any particular application is offered for consideration but is not intended as a recommendation or a guarantee of suitability or warranty of performance. Users are advised to determine the suitability and safety of each product using their own test methods. Biofilm assumes no liability for loss or damage arising from the use of our products, whether used alone or in combination with other products.

STANDARD REEL DIMENSIONS

CORE DIAMETER	OUTER DIAMETER	THICKNESS / STANDARD REEL LENGTH (m)							
		15 µm	17 µm	20 µm	23 µm	25 µm	30 µm	35 µm	40 µm
3" (76 mm)	454 mm	9,400	8,200	7,200	6,100	5,800	4,800	4,000	3,500
6" (152 mm)	477 mm	9,400	8,200	7,200	6,100	5,800	4,800	4,000	3,500
6" (152 mm)	571 mm	14,100	12,300	10,800	9,150	8,700	7,200	6,000	5,250
6" (152 mm)	789 mm	28,200	24,600	21,600	18,300	17,400	14,400	12,000	10,500
6" (152 mm)	958 mm	42,300	36,900	32,400	27,450	26,100	21,600	18,000	15,750

IMPORTANT INFORMATION

1. PRODUCT QUALITY

All BIOFILM products are inspected for quality during each step in the production process.

2. DEFECTS AND DEVIATIONS IN QUALITY AND OR SPECIFICATIONS

Any quality defects or differences in specifications must be reported to Biofilm immediately with roll identification numbers. We recommend that you do not use the material prior to Biofilm inspection or approval. It is important to follow this procedure to insure proper response and resolution.

In general, the product must be used in accordance with our recommendations. Failure to follow these recommendations may cause future claims to be refused. Biofilm will not accept responsibility for any damages or loss directly or indirectly caused by the use of film known to be defective.

3. RECOMMENDATIONS BEFORE USING BIOFILM PRODUCTS

We highly recommend customers consult with the Biofilm Technical Representative prior to using any Biofilm product for the first time. Failure to adequately qualify products by way of approved testing procedures may result in rejection of any claim due to undesirable performance.

4. CONDITIONS REQUIRED FOR STORAGE

We recommend storing the film at temperatures between 41°F and 86°F, if the humidity of the storage is below 40% and the temperature is below 41°F, the film should be brought up to the ambient temperature 24 hours before use.

Long periods of storage can cause variations in the characteristics of thermoplastics films.

Our warranty is six (6) months from the date of production.