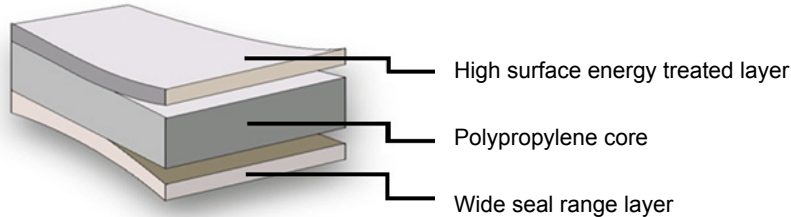


PLATWRAP CX

BIAXIALLY ORIENTED POLYPROPYLENE FILM, COEXTRUDED,
TWO SIDE SEALABLE, ONE SIDE TREATED



TECHNICAL DATA

Properties	Test Methods	Units	Typical Values								
			0.59	0.70	0.79	0.91	0.98	1.18	1.38	1.57	1.97
THICKNESS	ASTM D4321-04	mil (μm)	(15)	(18)	(20)	(23)	(25)	(30)	(35)	(40)	(50)
YIELD	ASTM D4321-04	in ² /lb (m ² /kg)	51,500 (73.3)	43,400 (61.7)	38,600 (54.9)	33,600 (47.8)	30,900 (44.0)	25,800 (36.6)	22,100 (31.4)	19,300 (27.5)	15,500 (22.0)
TENSILE STRENGTH MD	ASTM D 882-02	lb/in ² (kg/cm ²)	21,645 (1525)								
TENSILE STRENGTH TD	ASTM D 882-02	lb/in ² (kg/cm ²)	42,580 (2999)								
ELONGATION AT BREAK MD	ASTM D 882-02	%	200								
ELONGATION AT BREAK TD	ASTM D 882-02	%	70								
COEFFICIENT OF FRICTION NT/NT	ASTM D 1894-06	Dynamic	0.3								
HAZE	ASTM D 1003-07	%	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
GLOSS 45°	ASTM D 2457-08	%	> 85								
HEAT SEAL RANGE NON TREATED SIDE	Platinum method 22 psi, 3/4 sec., 266°F (1.5kg/cm ² , 3/4 sec., 130°C)	°F (°C)	225 - 300 (107 - 150)								
SEAL STRENGTH NON TREATED SIDE	Platinum method 22 psi, 3/4 sec., 266°F (1.5kg/cm ² , 3/4 sec., 130°C)	g/in (N/25mm)	> 400 (3.9)	> 400 (3.9)	> 400 (3.9)	> 400 (3.9)	> 400 (3.9)	> 500 (4.9)	> 500 (4.9)	> 500 (4.9)	> 500 (4.9)
WATER VAPOR TRANSMISSION RATE	ASTM F 1249 100°F (38°C), 90% RH	g/100in ² /24h (g/m ² /24h)	0.58 (9.0)	0.5 (7.8)	0.43 (6.6)	0.38 (5.9)	0.35 (5.4)	0.28 (4.3)	0.25 (3.9)	0.21 (3.2)	0.17 (2.7)
DIMENSIONAL STABILITY MD	Platinum method 266°F, 5min (130°C, 5min)	%	6.0								
DIMENSIONAL STABILITY TD	Platinum method 266°F, 5min (130°C, 5min)	%	4.0								
SURFACE ENERGY	ASTM D2578-04a	dyne/cm	38								

The above properties and results obtained refer to the average values of laboratory testing carried out on sample product. Yield values are nominal based on product target thickness and specific weight, and may be rounded. Platinum does not guarantee testing accuracy and makes no guarantee of product performance, safety or suitability, either expressed or implied, when used alone or in combination with other products. Platinum strongly urges users to undertake independent testing in order to verify the suitability of the product for whatever intended use. Platinum assumes no responsibility for any damages or injuries caused as a result of the use of its products. For more detailed information on the data and characteristics presented in this data sheet, please contact your Platinum account manager.

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CHARACTERISTICS

- Low seal initiation temperature (non-treated side).
- Good Moisture barrier.
- Excellent machinability due to its superior stiffness.
- Excellent slip properties.
- Available with EXTERIOR or INTERIOR treatment according to customer request.
- Conforms to FDA guidelines for use in contact with food.

APPLICATIONS

Designed for use in horizontal and vertical form fill and seal packaging applications, either as a single web or laminated to itself or other substrates

SAFE GUARDS

- CX is not recommended for use with UV and/water-based ink systems.
- It may be necessary to retreat for optimum adhesion with certain water-based adhesion systems. If retreated, backside treatment should be avoided.
- Not recommended for extrusion lamination.
- Primer should be used when laminated with high barrier PVdC adhesive system.
- Can be used in lap or fin seal applications. The treated side offers an acceptable sealing capability when sealed to itself. Superior seal strength is achieved when sealing the non-treated surface to itself. Some lower values may be obtained when sealing the treated side to the non-treated side.