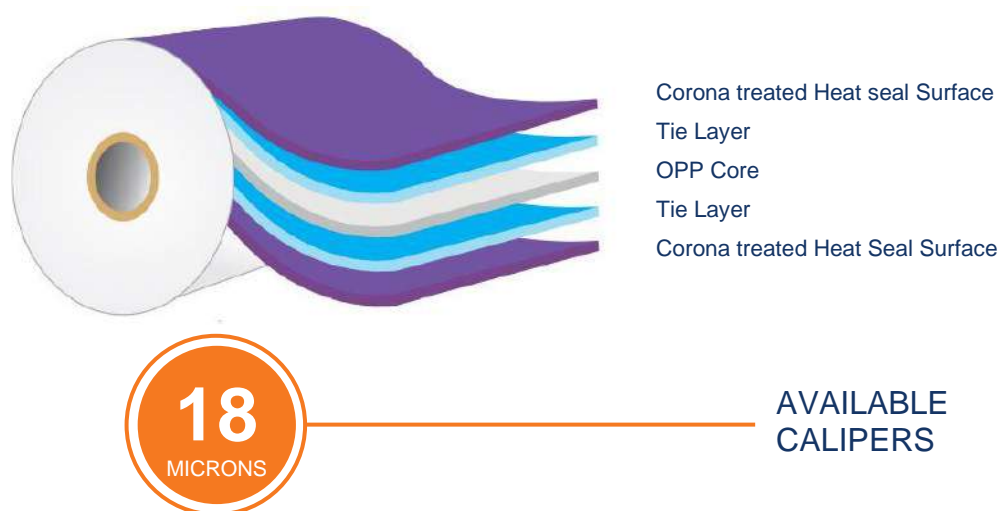


TS18TTI

TRANSPARENT HEAT SEALABLE CORONA TREATED BOTH SIDE FOR CONVERSION



DESCRIPTION

OPP TS18TTI Transparent co-extruded both side heat sealable BOPP film. It is both side corona treated & both side Heat Sealable.

PRODUCT FEATURES

- Good Sealing Properties
- Good performance on HFFS & VFFS machines
- Good Printability & suitable for lamination with other substances
- Good Optical properties
- Good Stiffness and Mechanical Properties

APPLICATIONS

Can be used as single web or in laminate structures;

- Confectionary (Chocolate/ Gum/ Sugar)
- Bakery (Biscuits/ Cookie/ Crackers)
- Chips/ Snacks/ Pasta
- Household and detergents
- Health & Beauty Care

NOMENCLATURE

TS18TTI... High wetting tension Surface Inside, Low Wetting tension Surface Outside

TS18TTO... High wetting tension Surface Outside, Low Wetting tension Surface Inside

	PROPERTIES	POSITION	TS18TTI	UNITS	TEST METHOD
GENERAL	Nominal Thickness	-	18	μ	Internal Method
	Density	-	0.91	g/cc	Internal Method
	GSM	-	16.38	g/m ²	Internal Method
	Yield	-	61.05	m ² /kg	Internal Method
OPTICAL	Haze	-	2.5	%	ASTM D 1003
	Gloss	-	90	GU	ASTM D 2457
SURFACE	Dynamic COF	Film/Film	0.40	-	Internal Method
	Wetting Tension	-	38*	dynes/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	-MD -TD	1300 2700	kg/cm ²	ASTM D 882
	Elongation (at break)	-MD -TD	200 60	%	ASTM D 882
	Elastic Modulus	-MD -TD	18000 32000	kg/cm ²	ASTM D 882
	Linear Shrinkage (max)	- -	4 2	%	ASTM D 1204
THERMAL	Heat Seal Range	-	115 - 145	°C	Internal Method
	Heat Seal Strength	-	350	g/25mm	Internal Method (130°C/1sec/30psi)

* 38 dyne/cm guaranteed for 6 months from the invoice date in controlled ambient condition as mentioned in storage guidelines

The figures and above properties refer to typical values which are indicative only. Customers should verify the suitability of the film for its specific end use. Therefore, this document will not represent a product specification.

GUIDELINES FOR STORAGE

Temperature should preferably be less than 30°C & humidity 55±5% in storage areas and material should be consumed within three months of receipt. OPP films should be allowed to reach operating room temperature 24 hours before use

FOOD CONTACT

OPP films complies with the requirements of FDA, EC & REACH regulations. Specific documentation is available on request.

SAFETY

Compliance with industrial health and safety standards. OPP films do not present any significant danger to health and safety in the workplace, provided they are used for the intended purpose in accordance with conventional practices and that health & safety regulations are observed. Relevant guidelines can be found in our MSDS (available upon request).

CAUTIONS

- Film characteristics are maintained for six months from the date of invoicing