

PROVISIONAL

## TS18TOHS-LTS100

BOPP FILMS

TRANSPARENT HEAT SEALABLE CORONA TREATED ONE SIDE STABLE SLIP  
100°C GRADE FOR CONVERSION



Corona Treated Heat Seal Surface  
OPP Core  
Untreated High Slip Heat Seal Surface (100°C)



AVAILABLE  
CALIPERS

### DESCRIPTION

TS18TOHS-LTS100 is transparent co-extruded low COF BOPP Film. It is one side corona treated & both side heat sealable. Untreated heat-seal surface is specially designed to give low stable COF good seal strength and sealing range with low SIT of 100°C.

### PRODUCT FEATURES

- Exceptional slip properties
- Stable coefficient of friction (0.25 - 0.35)
- Excellent hot slip
- Total forgiving on HFFS & VFFS machines
- Good printability and suitable for lamination with other substrates
- Good optical properties
- Good stiffness and mechanical properties

### APPLICATIONS

Can be used as a single web or in laminate structures.

- Confectionery (chocolate/gum/sugar)
- Bakery (biscuits/cookie/crackers)
- Frozen food
- Health and beauty care
- Household and detergents
- Chips/snacks/pasta

**TOPPAN SPECIALITY FILMS**

## PROVISIONAL

	PROPERTIES	POSITION	TS18T OHS-LTS100	UNIT	METHOD
GENERAL	Nominal Thickness	-	18	μ	Internal Method
	Density	-		g/cc	Internal Method
	Grammage	-	16.38	g/m <sup>2</sup>	Internal Method
	Yield	-	61.05	m <sup>2</sup> /kg	Internal Method
OPTICAL	Haze	-	2.5	%	ASTM D 1003
	Gloss	-	90	GU	ASTM D 2457
SURFACE	COF (Dynamic)	Film/Film	0.25-0.35	-	ASTM D 1894
	Wetting Tension	-	40	dy/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	- MD	1300	kg/cm <sup>2</sup>	ASTM D 882
		- TD	2700		
	Elongation (at break)	- MD	200	%	ASTM D 882
		- TD	60		
	Elastic Modulus	- MD	18000	kg/cm <sup>2</sup>	ASTM D 882
THERMAL		- TD	32000		
	Linear Shrinkage (max)	- MD	5	%	ASTM D 1204
		- TD	3		
	Heat Seal Range	-	100-145	°C	Internal Method
BARRIER	Seal Strength	-	350	g/25mm	Internal Method (130°C/1sec/30psi)
	WVTR 38°C 90% RH	-	8	g/m <sup>2</sup> /day	ASTM F 1249

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
- Please make sure printing surface is well dried before lamination