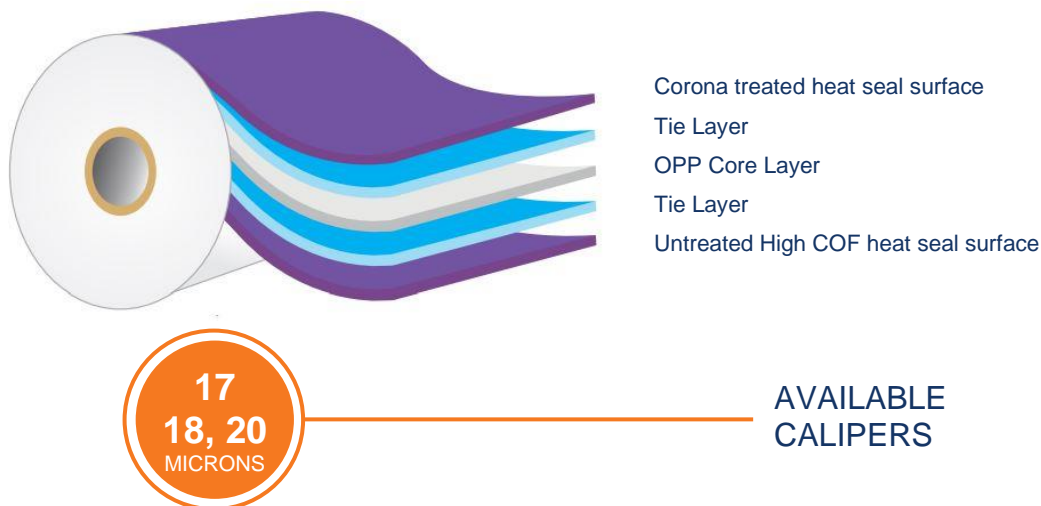


## TSTOHCF

TRANSPARENT HEAT SEALABLE CORONA TREATED ONE SIDE HIGH COEFFICIENT OF FRICTION GRADE FOR CONVERSION



### DESCRIPTION

TSTOHCF is transparent co-extruded both side heat sealable **BOPP** film. It is one side corona treated and both side heat sealable. Untreated heat-seal surface is specifically designed to provide high coefficient of friction to provide anti-skid properties.

### PRODUCT FEATURES

- Special High COF at untreated surface to facilitate anti-skid during stacking
- Good printability and suitable for lamination with other substrates
- Good optical properties
- Good stiffness & mechanical properties
- Non-toxic suitable for food contact application

### APPLICATIONS

Outside print web typically laminated to woven PP for use in multi-wall bags for food and Industrial products;

- Pet food bags
- Rice bags
- Bulk tea bags
- Bulk packaging bags

### NOMENCLATURE

TSTIHCF - Corona treatment side is Inside, Untreated High COF side is Outside  
TSTOHCF - Corona treatment side is Outside, Untreated High COF side is Inside

	PROPERTIES	POSITION	TS17TOHCF	TS18TOHCF	TS20TOHCF	UNITS	TEST METHOD
GENERAL	Nominal Thickness	-	17	18	20	μ	Internal Method
	Density	-	0.91	0.91	0.91	g/cc	Internal Method
	GSM	-	15.5	16.4	18.2	g/m <sup>2</sup>	Internal Method
	Yield	-	64.6	61.1	54.9	m <sup>2</sup> /kg	Internal Method
OPTICAL	Haze	-		2.5		%	ASTM D 1003
	Gloss	-		90		GU	ASTM D 2457
SURFACE	Static COF	Film / Film		0.60		-	Internal Method
	Wetting Tension	-		38*		dynes/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	-MD -TD		1300 2700		kg/cm <sup>2</sup>	ASTM D 882
	Elongation (at break)	-MD -TD		190 60		%	ASTM D 882
	Elastic Modulus	-MD -TD		16000 28000		kg/cm <sup>2</sup>	ASTM D 882
THERMAL	Linear Shrinkage	-MD -TD		4 2		%	ASTM D 1204
	Seal Initiation Temp.	-		112		-	Internal Method
	Heat Seal Strength	-		350		-	Internal Method
							(130°C/1sec/30psi)

\* 38 dyne/cm guaranteed for 4 months from the invoice date in controlled ambient condition as per below 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 except for wetting tension