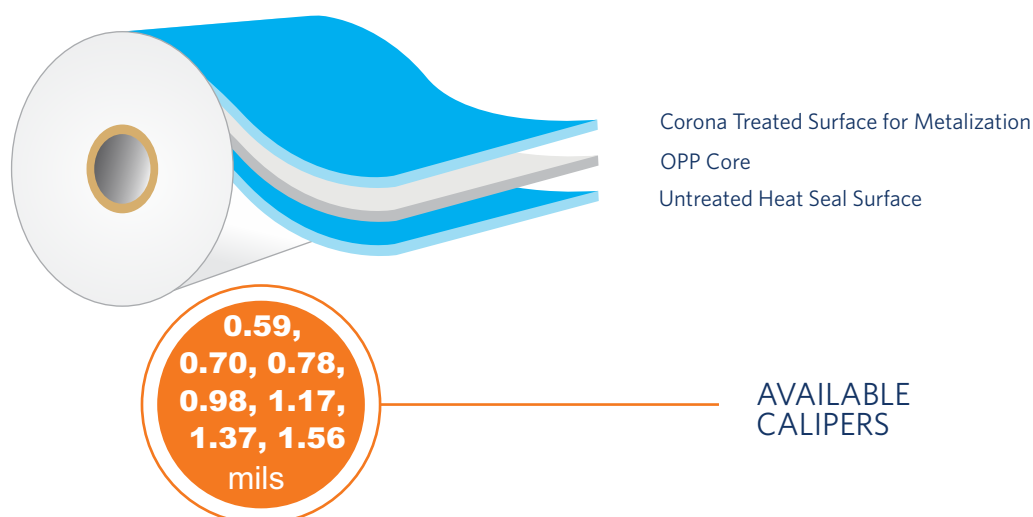


TSTOV

BOPP FILMS

TRANSPARENT HEAT SEALABLE CORONA TREATED ONE SIDE FOR METALIZATION

**DESCRIPTION**

TSTOV is transparent co-extruded heat sealable **BOPP** film for metalization. It is one side corona treated mainly for metalization and other side untreated heat seal surface have good seal strength and sealing range which gives optimum performance on wide range of packaging machines.

PRODUCT FEATURES

- Good sealing properties
- Good performance on HFFS & VFFS machines
- Better treatment retention for good metal bond strength
- Good optical properties
- Good stiffness and mechanical properties

APPLICATIONS

Base film for metalization

NOMENCLATURE

TS18TOV - Outside Corona treated surface for metallization, Inside Heat seal surface
TS18TIV - Inside Corona treated surface for metallization, Outside Heat seal surface

	PROPERTIES	POSITION	TS15TOV	TS18TOV	TS20TOV	TS25TOV	TS30TOV	TS35TOV	TS40TOV	UNIT	METHOD
GENERAL	Nominal Thickness	-	0.59	0.70	0.78	0.98	1.17	1.37	1.56	mils	Internal Method
	Density	-	0.91	0.91	0.91	0.91	0.91	0.91	0.91	g/cc	Internal Method
	Grammage	-	2.80	3.36	3.73	4.66	5.60	6.53	7.46	lb/1000ft ²	Internal Method
	Yield	-	51535	42958	38599	30935	25732	22076	19334	in ² /lb	Internal Method
OPTICAL	Haze	-	2.5	2.5	2.5	3	3	3.2	3.5	%	ASTM D 1003
	Gloss	-				90				GU	ASTM D 2457
SURFACE	COF (Dynamic)	Film/Film				0.35				-	ASTM D 1894
	Wetting Tension	-				38				dyne/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	- MD				17064				psi	ASTM D 882
		- TD				36972					
	Elongation (at break)	- MD				200				%	ASTM D 882
		- TD				60					
	Elastic Modulus	- MD				255960				psi	ASTM D 882
		- TD				398160					
THERMAL	Linear Shrinkage (max)	- MD				4				%	ASTM D 1204
		- TD				2					
	Heat Seal Range	-				239-293				°F	Internal Method
	Seal Strength	-	0.8	0.8	0.9	0.9	0.9	0.9	0.9	lb/in	Internal Method (266°F/1sec/30psi)

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