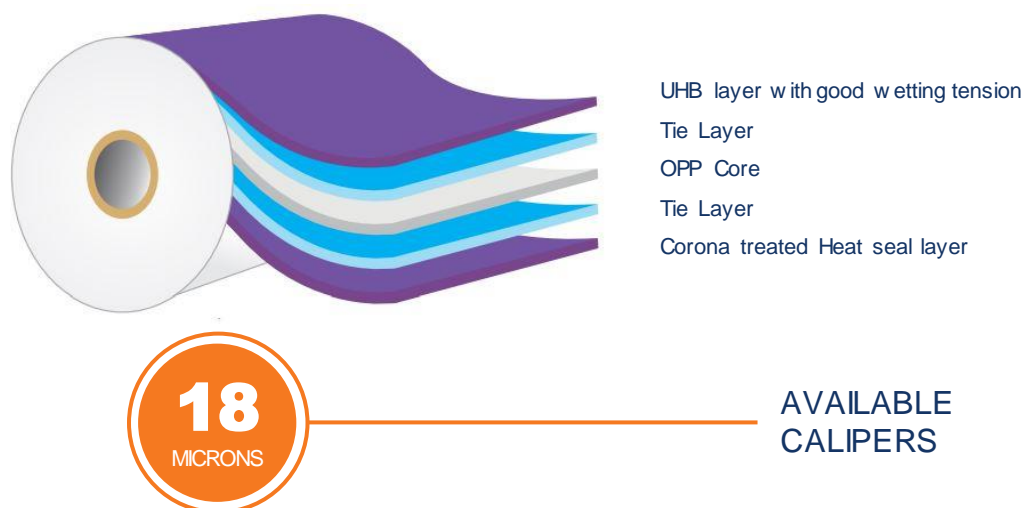


PROVISIONAL

TS18TTIVOBFC

TRANSPARENT ONE SIDE UHB HIGH WETTING TENSION SURFACE & OTHER SIDE CORONA TREATED BOPP BASE FILM FOR ULTRA HIGH OXYGEN BARRIER VACUUM METALLIZATION



DESCRIPTION

TS18TTIVOBFC is transparent co-extruded Metallizable **BOPP** film with Ultra High Oxygen Barrier capabilities. It's one side is specifically formulated with special polymer to provide excellent Barrier performance during vacuum metallization & other side is corona treated heat seal surface.

PRODUCT FEATURES

- Specifically formulated for ultra-high oxygen barrier vacuum metallisation
- Outstanding adhesion layer for metallization
- Excellent processability during metallization and on HFFS & VFFS machines
- Good treatment retention after metallization
- Brilliant and homogeneous metal appearance after metallization
- Good stiffness and mechanical properties

APPLICATIONS

Base film for Metallization;

- Vacuum Metallization

PROVISIONAL

	PROPERTIES	POSITION	TS18TTIVOBFC	UNITS	TEST METHOD
GENERAL	Nominal Thickness	-	18	μ	Internal Method
	Density	-	0.91	g/cc	Internal Method
	GSM	-	16.4	g/m ²	Internal Method
	Yield	-	61.1	m ² /kg	Internal Method
OPTICAL	Haze	-	2.5	%	ASTM D 1003
	Gloss	-	95	GU	ASTM D 2457
SURFACE	COF	Film / Metal	0.4	-	ASTM D 1894
	Wetting Tension	Barrier side	44	dyne/cm	ASTM D 2578
			38	dyne/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	-MD	1200	kg/cm ²	ASTM D 882
		-TD	2500		
	Elongation (at break)	-MD	200	%	ASTM D 882
		-TD	60		
	Elastic Modulus	-MD	19000	kg/cm ²	ASTM D 882
		-TD	38000		
THERMAL	Thermal Shrinkage	MD	4	%	ASTM D 1204
		TD	2		
BARRIER	WVTR (38°C, 90%rh)	-	7.5	g/m ² /day	ASTM F 1249
	OXTR (23°C, 0%rh)	-	130	cc/m ² /day	ASTM D 3985

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 comply 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.