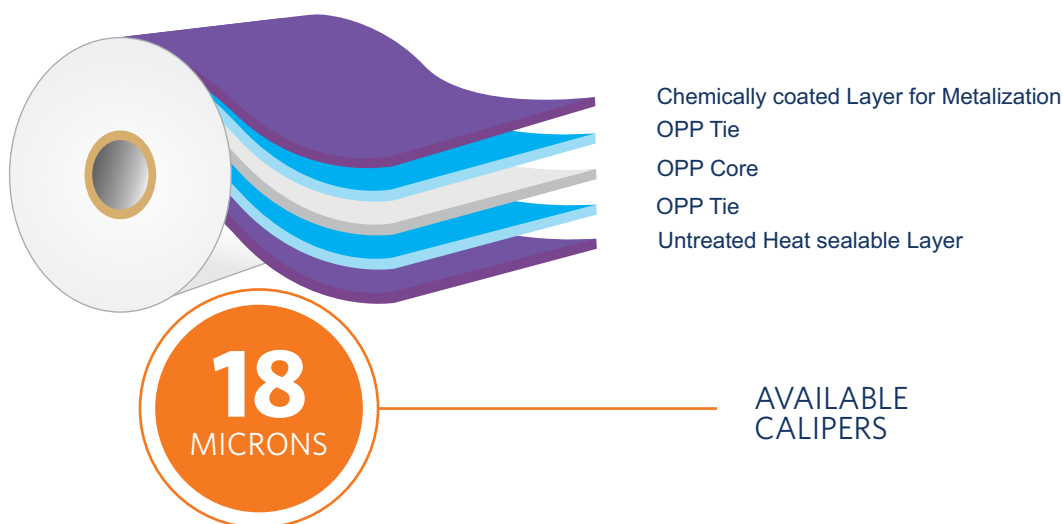


PROVISIONAL

TDS18TIV5COB

BOPP FILMS

TRANSPARENT HEAT SEALABLE ONE SIDE CHEMICALLY COATED BOPP FILM
FOR VACUUM METALIZATION



DESCRIPTION

OPP TDS18TIV5COB is transparent Heat sealable one side treated BOPP film. It's one side is specially chemically coated for vacuum metalization & other side is non treated heat sealable layer.

PRODUCT FEATURES

- Good treatment retention
- Low Heat Seal Initiation Temperature (SIT) ~ 95° C
- Excellent runnability on HFFS & VFFS machines
- Good stiffness and mechanical properties

APPLICATIONS

Base film for vacuum metalization

NOMENCLATURE

TOV5COB - Outside vacuum metalization and other side is for Heat seal application

TIV5COB - Inside vacuum metalization and other side is for Heat seal application

PROVISIONAL

	PROPERTIES	POSITION	TDS18TIV5COB	UNIT	METHOD
GENERAL	Nominal Thickness	-	18	μ	Internal Method
	Density	-	0.91	g/cc	Internal Method
	Grammage	-	16.38	g/m ²	Internal Method
	Yield	-	61.1	m ² /kg	Internal Method
OPTICAL	Haze	-	2.5	%	ASTM D 1003
	Gloss	-	90	GU	ASTM D 2457
SURFACE	Wetting Tension	-	38	dyne/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	- MD - TD	1200 2500	kg/cm ²	ASTM D 882
	Elongation (at break)	- MD - TD	230 70	%	ASTM D 882
	Elastic Modulus	- MD - TD	16000 28000	kg/cm ²	ASTM D 882
	Linear Shrinkage	- MD - TD	4 2	%	ASTM D 1204
THERMAL	Heat Seal Strength (Min.)	-	95-145 350	kg/cm ²	Internal Method Internal Method (130°C/1sec/30psi)
	WVTR 38° C 90% rh	-	8.5	g/m ² /day	ASTM F 1249
BARRIER	OXTR 23° C 0% rh	-	1000	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 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 manufacturing except for metallized layer surface tension