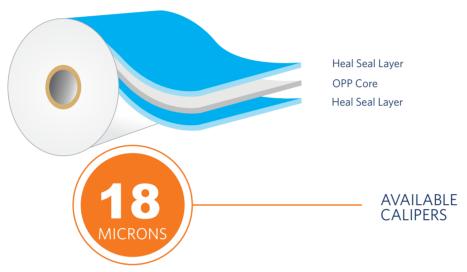
TLT18HS

BOPP FILMS

TRANSPARENT LOW HAZEHIGH SLIP SEALABLE TIGHT WRAP FOR OVERWRAP



DESCRIPTION

OPP TLT18HS is transparent heat sealable on either side BOPP film. It is specially designed for unprinted overwrapping applications where machinability is a key factor. TLT18HS is for wrinkle-free tight wrap packing which provides better moisture barrier, enhanced shelf life and high speed.

PRODUCT FEATURES

- Specially formulated for unprinted overwrap application.
- Good shrink properties for wrinkle free appearance
- Consistent and stable slip
- Excellent stiffness and mechanical properties
- Good performance on high speed machines
- Good anti-static and hot slip
- Good aroma & moisture barrier
- Good optical properties
- Good seal strength
- Good anti-blocking for smooth operation with no jamming

APPLICATIONS

Unprinted overwrap

- Tobacco (cigarettes/cigars)
- CD's & DVD's
- Household and industrial
- Carton Box Overwrap

TOPPAN SPECIALITY FILMS

METHOD

Internal Method

Internal Method

UNIT

g/cc

GEN	Grammage	-	16.38	g/m²	Internal Method
ש	Yield	• -	61.1	m²/kg	Internal Method
OPTICAL	Haze Gloss		2.0 100	% GU	ASTM D 1003 ASTM D 2457
SURFACE	COF	Film/Metal	< 0.20	-	ASTM D 1894
MECHANICAL SURI	Static charge	-	0.5	kv	Internal Method
	Tensile Strength (at break)	- MD - TD	1300 2500	kg/cm²	ASTM D 882
	Elongation (at break)	- MD TD	160 55	%	ASTM D 882
THERMAL MEC	Elastic Modulus	- MD - TD	18000 28000	kg/cm²	ASTM D 882
	Linear Shrinkage	- MD - TD	6 5	%	ASTM D 1204
	Heat Seal Range	-	110-145	°C	Internal Method
푸	Heat Seal Strength		300	g/25mm	Internal Method (130°C/1sec/30psi)
BARRIER	WVTR 38° C 90% rh		7.0	g/m²/day	ASTM F 1249
The figures and above properties refer to typical values which are indicative only. Customers should verify the suitability of					

TLT18HS

0.91

POSITION

PROPERTIES

Density

Nominal Thickness

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 $55\pm5\%$ 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