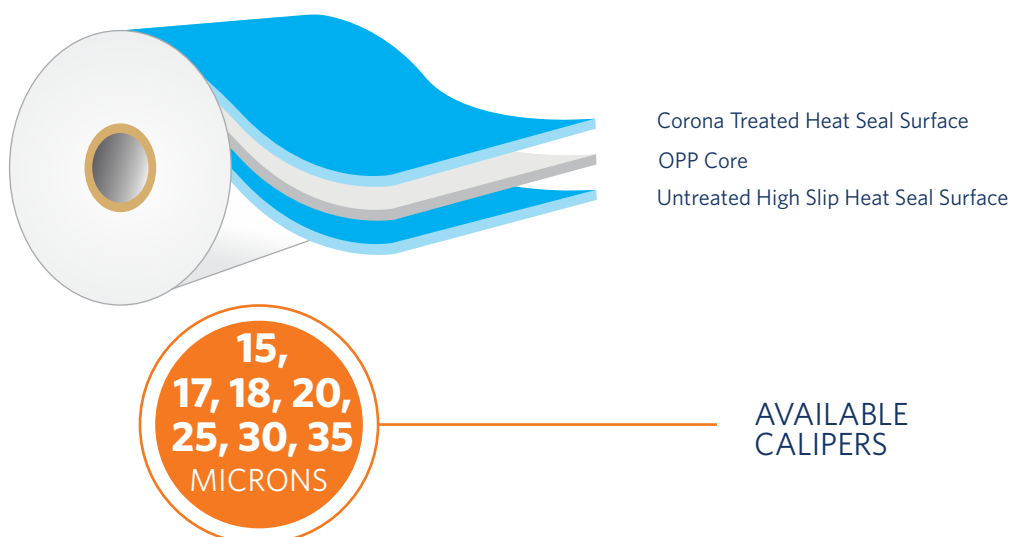


HS2

BOPP FILMS

TRANSPARENT HEAT SEALABLE CORONA TREATED ONE SIDE STABLE SLIP GRADE FOR CONVERSION



DESCRIPTION

OPP HS2 is transparent co-extruded low COF **BOPP** film. It is one side corona treated & both side heat sealable. Untreated heat-seal surface is specially designed to give low stable COF, good seal strength and sealing range which gives robust performance on all types of HFFS & VFFS machines.

PRODUCT FEATURES

- Exceptional slip properties
- Stable coefficient of friction
- Excellent hot slip
- Total forgiving on HFFS & VFFS machines
- Good printability and suitable for lamination with other substrates
- Good optical properties
- Good stiffness and mechanical properties

APPLICATIONS

Can be used as a single web or in laminate structures.

- Confectionery (chocolate/gum/sugar)
- Bakery (biscuits/cookie/crackers)
- Frozen food
- Health and beauty care
- Household and detergents
- Chips/snacks/pasta

	PROPERTIES	POSITION	TS15TIHS2	TS17TIHS2	TS18TIHS2	TS20TIHS2	TS25TIHS2	TS30TIHS2	TS35TIHS2	UNIT	METHOD
GENERAL	Nominal Thickness	-	15	17	18	20	25	30	35	μ	Internal Method
	Density	-				0.91				g/cc	Internal Method
	Grammage	-	13.65	15.47	16.38	18.2	22.75	27.3	31.85	g/m ²	Internal Method
	Yield	-	73.3	64.6	61.1	54.9	44.0	36.6	31.4	m ² /kg	Internal Method
SURFACE OPTICAL	Haze	-	2.5	2.5	2.5	3	3	3.2	3.5	%	ASTM D 1003
	Gloss	-				90				GU	ASTM D 2457
	COF (Dynamic)	Utr/Utr				0.15 - 0.22				-	ASTM D 1894
	COF (Dynamic)	Utr/Metal				0.10 - 0.20				-	ASTM D 1894
MECHANICAL	Wetting Tension	-				40				dy/cm	ASTM D 2578
	Tensile Strength (at break)	- MD				1300				kg/cm ²	ASTM D 882
		- TD				2700					
	Elongation (at break)	- MD				180				%	ASTM D 882
THERMAL		- TD				60					
	Elastic Modulus	- MD				18000				kg/cm ²	ASTM D 882
		- TD				32000					
	Linear Shrinkage (max)	- MD				3				%	ASTM D 1204
		- TD				1					
	Heat Seal Range	-				105-145				°C	Internal Method
	Seal Strength	-				400				g/25mm	Internal Method (130°C/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
- Please make sure printing surface is well dried before lamination