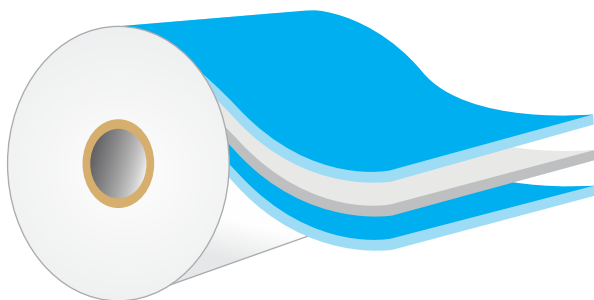


PROVISIONAL

COAO-21HS-HCF

COATED FILMS

TRANSPARENT LOW SEAL INITIATION TEMPERATURE, VERY HIGH SEAL STRENGTH & HOT TACK STRENGTH BOPP ACRYLIC COATED ONE SIDE, HIGH COF FOR ANTISKID PACKAGING



Acrylic Coated Surface

Multilayer Transparent OPP Film

High COF / Low SIT High Seal Strength Layer (Untreated)

AVAILABLE
CALIPERS**DESCRIPTION**

COAO-21HS-HCF is transparent co-extruded BOPP film, it is having one side Acrylic coatings and other side is specially formulated to provide exceptionally high heat seal strength and hot tack strength along with high COF for anti-skid properties.

PRODUCT FEATURES

- Non toxic suitable for food contact applications
- Excellent seal integrity
- Special High COF at untreated surface to facilitate anti-skid during stacking
- Good optical properties

APPLICATIONS

Outside print web typically laminated to woven PP for use in multi-wall bags for food and industrial products :

- Pet Food Bags
- Rice Bags
- Bulk Tea Bags
- Bulk Packaging Bags
- Household and detergents

COATING SIDE

- COAO-21HS-HCF - Acrylic Coated Outside, High COF Inside
- COAI-21HS-HCF - Acrylic Coated Inside, High COF Outside

TOPPAN SPECIALITY FILMS

PROVISIONAL

	PROPERTIES	POSITION	COAO-21HS-HCF	UNIT	METHOD
GENERAL	Nominal Thickness	-	21	μ	Internal Method
	Grammage	-	19.1	g/m ²	Internal Method
	Yield	-	52.4	m ² /kg	Internal Method
OPTICAL	Haze	-	2.5	%	ASTM D 1003
	Gloss	-	90	GU	ASTM D 2457
SURFACE	COF (static)	Film/Film	0.60	-	ASTM D 1894
	(dynamic)	Acrylic/ Acrylic	0.35	-	ASTM D 1894
	Wetting Tension	Coating side	40	dy/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	- MD	1000	kg/cm ²	ASTM D 882
		- TD	2400		
	Elongation (at break)	- MD	200	%	ASTM D 882
		- TD	60		
THERMAL	Elastic Modulus	- MD	15000	kg/cm ²	ASTM D 882
		- TD	28000		
	Linear Shrinkage (max)	- MD	4	%	Internal Method
		- TD	2		
THERMAL	Heat Seal Range	Uncoated side	100-145	°C	Internal Method
	Seal Strength (min)	Uncoated side	800		Internal Method (130°C/1sec/30psi)
THERMAL	WVTR 38° C 90% rh	-	5	g/m ² /day	ASTM F 1249
	OXTR 23° C 0% rh	-	1200	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±% in storage areas and material should be consumed with three months of receipt. Coated films should be allowed to reach operating room temperature 24 hours before use. Film characteristics are maintained for six months from the date of manufacturing.

FOOD CONTACT

Coated films complies with the requirements of FDA, EC & REACH regulations. Specific documentation is available on request.

SAFETY

Compliance with industrial health and safety standards. Coated 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.
- Coated reels must not be stacked.