

ACP383XAF
Performance Coex CPP Film Series

General Description

The ACP383X series of 3-layer coex CPP films offers excellent clarity & gloss combined with exceptional heat sealing performance on both surfaces. The excellent “Hot Tack” characteristic of the sealant layers promotes processing on high speed F/F/S packaging machines. One sealant layer (non treated side) contains an antifog additive for fresh cut produce packaging and lidding applications.

TYPICAL PHYSICAL PROPERTIES (1.0MIL FILM)

PROPERTY	Units	ASTM Test#	Typical Value
Haze	%	D1003	2.5
Gloss	45 ⁰	D2457	85
Ultimate Tensile MD TD	psi	D882	6,500 5,500
Ultimate Elongation MD TD	%	D882	650 700
Secant Modulus MD TD	psi	D882	115,000 120,000
Coefficient Of Friction	gms	D1894	.18 - .45
Elmendorf Tear Strength MD TD	gms	D1922	50 500
Barrier O ² (cc/100in ² /day) H ² O (gm/100in ² /day)			180 .65
Seal Initiation Temp. (S.I.T.)	⁰ C		105
Yield	in ² /lb		30,800

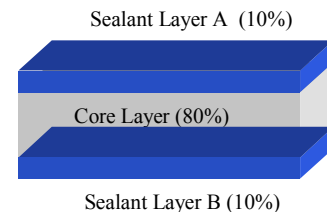
ACP383XAF 3-layer, 2-side sealable, slip modified on both surfaces and anti-fog modified on one surface.

ACP392XAF 2-layer coextruded CPP with a single antifog modified sealant layer.

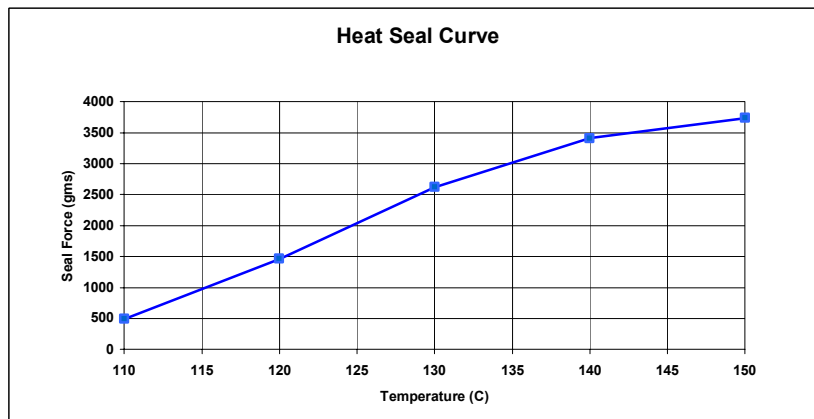
Regulatory Compliance

- FDA 21 CFR 177.1520 (c)3.1a food contact only.

Typical Coex Structure



Sealant Layer = Low SIT PP Resin
Sealant Layer B = antifog modified
Core Layer = HP PP Resin



Antifog Performance

Antifog performance can be adjusted to meet very specific packaging requirements. The picture shown below illustrates the affect of the antifog additive in a single sealant layer of a 2.0 mil ACP383XAF (right side picture) compared with a non antifog modified 2.0 mil monolayer CP301 (left hand picture). The antifog performance is quite dramatic under a very challenging test condition.



Test Procedure

Two glasses were half filled with hot water (at 175°F) and left to stand in a refrigerator for 20 minutes. The picture above was taken immediately after removing the glasses from the refrigerator.

Please contact Copol International technical staff to discuss your requirements for an antifog modified package or lidding application.