

**RP423BX**  
**Performance Coextruded CPP Film Series**

**General Description**

The RP423BX series of CPP films is a tough, 2-side sealable, coextruded film with excellent heat resistance and low temperature impact strength to  $-10^{\circ}\text{C}$ . This CPP material is formulated with slip to promote downstream processing and is primarily intended as a sealant layer in laminations for retort food pouches and frozen food packaging applications including freezer-to-microwave. Available in clear and white-tint versions.

**TYPICAL PHYSICAL PROPERTIES (2.5MIL FILM)**

PROPERTY		Units	ASTM Test#	Typical Value
Haze		%	D1003	na
Gloss		45 <sup>0</sup>	D2457	na
Transmittance		%		43
Ultimate Tensile	MD TD	psi	D882	6,800 6,300
Ultimate Elongation	MD TD	%	D882	750 600
Secant Modulus	MD TD	psi	D882	88,000 85,000
Coefficient Of Friction		gms	D1894	UT: <0.35
Yield	RP423BX RP423BXW	in <sup>2</sup> /lb		12,320 11,900

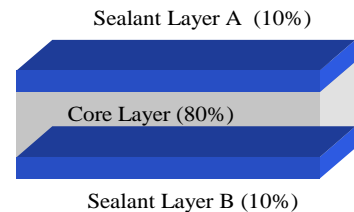


**RP423BXW** White tint version

**Regulatory Compliance**

- FDA 21 CFR 177.1520 (a)3(i), (b), (c)3.1a, (c)3.2a including food cooking applications under conditions of use A through H described in Table 2 of 21 CFR 176.170 (c).

**Typical Film Structure**



Sealant Layer A = Low SIT PP Resin  
 Sealant Layer B = Low SIT PP Resin  
 Core Layer = HECO PP Resin + Food Grade White Additive

TECHNICAL INFORMATION, RECOMMENDATIONS AND SUGGESTIONS HEREIN ARE FURNISHED WITHOUT CHARGE OR OBLIGATION. NO GUARANTEE IS MADE OF THEIR ACCURACY AND COPOL INTERNATIONAL LTD. ACCEPTS NO RESPONSIBILITY FOR RESULTS OBTAINED BY THE APPLICATION OF THIS INFORMATION OR THE SAFETY & SUITABILITY OF OUR PRODUCTS EITHER ALONE OR IN COMBINATION WITH OTHER PRODUCTS.

VALUES ARE TYPICAL DATA AND SHOULD NOT BE INTERPRETED AS SPECIFICATIONS BECAUSE CONDITIONS MAY VARY AND ARE BEYOND OUR CONTROL, USERS ARE ADVISED TO MAKE THEIR OWN DETERMINATION OF THE SAFETY AND SUITABILITY OF EACH PRODUCT IN THEIR OWN APPLICATION.

THERE IS NO WARRANTY AGAINST PATENT INFRINGEMENT. ALL PROPERTIES AND APPLICATIONS ARE PROVIDED AS INFORMATION ONLY AND THERE ARE NO WARRANTIES EXPRESSED OR IMPLIED OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE.