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BRGS Packaging
Materials

BRC Global Standard for
Packaging and Packaging Materials



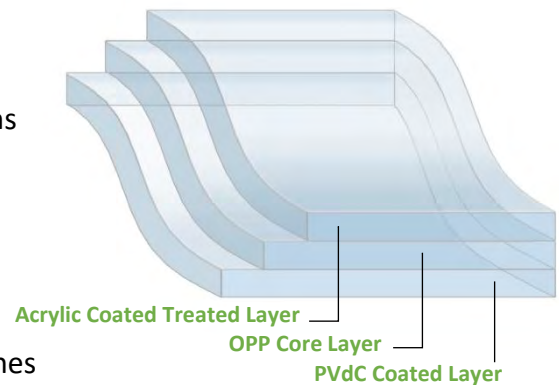
HSF5400H

Clear Heat Sealable Polypropylene Acrylic / PVdC Coated Film

HSF5400H is a bi-axially orientated, clear polypropylene one side Acrylic one side PVdC coated film. A co-extruded product giving hot tack, free seal type for large size and weight packages. This product is suitable where a high gas barrier, extended shelf life, attractive presentation and high-speed packing is required.

Features

- Exceptional Moisture, Oxygen and Aroma barrier
- Excellent retention of PVdC seals in humid conditions
- Two side heat sealable
- One side corona treated
- High yield, gloss and stiffness
- Exceptional clarity
- Excellent printability
- Exceptional machinability on a wide range of machines
- Contains a maximum 25% recycled production polymer
- Contains NO post-consumer recycled material
- Complies with FDA and EU regulations for direct food contact



Typical Applications

- Where high barriers are required; Moisture, flavour, oxygen and aroma
- Suitable for printing, single ply or laminate applications
- Suitable for food and confectionary packaging:
Horizontal & Vertical form fill and seal, Over wrap, Lap and fin seal applications

Primary Markets

Snacks • Sandwich Wraps • Baked Goods • Fruit & Vegetable • Confectionery
Box Overwrap • Cosmetics • Spices • Pet Food • Film Bags • Print & Lamination

Gauges Available

- 21, 26, 32 and 42micron

General Information

- Handling and Product Health and Safety details available on request
- Recommended to store in dry condition below 30 °C and above 5 °C
- Best used within 6 months of manufacture
- We recommend you let the film acclimatise in the production environment for 24 hours prior to use

Typical Properties

Properties		Test	Units	26mu	32mu	42mu
Yield			m ² /kg	40	32.8	25.3
Unit Weight			g/m ²	25	30.4	39.5
Haze			%	1.6	1.7	1.8
Gloss		45°		98		
Tensile Strength at Break	MD	200mm / min pull rate 120mm jaw separation	mpa	160		120
	TD			290		245
Elongation at Break	MD	200mm / min pull rate 120mm jaw separation	%	175		175
	TD			60		65
Dimensional Stability	MD	135 °C 7 min	%	-6.0		-4.0
	TD			-5.5		-2.0
Elastic Modulus	MD		mpa	2000		2000
	TD			3800		3500
Seal Strength	(Acrylic to Acrylic)	105 °C 0.034 mpa 2 sec	g/2.5 cm	300		
	(PVdC to PVdC)			300		
Heat Seal Range	(Acrylic to Acrylic)		°C	50		
	(PVdC to PVdC)			30		
Coefficient of friction	(Acrylic to Acrylic)	m		0.25		
	(PVdC to PVdC)			0.35		
WVTR	38°C / 90% RH		g/m ² /24 hr	4.2	3.8	2.9
	23°C / 85% RH			0.90	0.80	0.50
OTR	23°C / 0% RH		cm ³ /m ² / 24hr	20		

As all applications are subject to those conditions prevailing within specific applications, we recommend that a test be carried out to your satisfaction prior to full production.

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