

Cellophane 'K' HB20

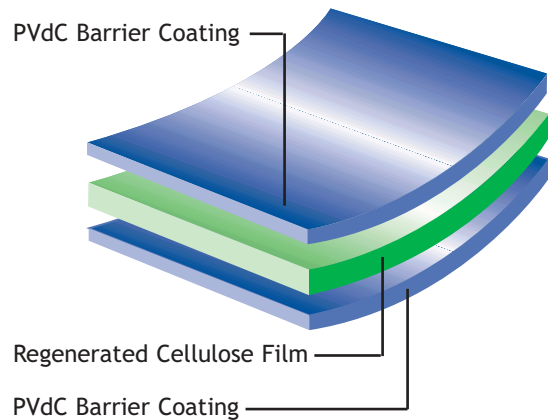
Data

Known outside the USA as Cellophane™ XS

Features - General Purpose Film

Regenerated cellulose film (RCF), coated on both sides with a polyvinylidene chloride (PVdC) copolymer by a solvent process.

- Inbuilt jaw release properties on both sides
- Heat-sealable on both sides
- Excellent barrier to water vapor, gases and aromas
- Anti-static
- Resistant to oils and greases
- Both sides of the film are equally receptive to inks, adhesives and tear-tapes
- Excellent dead-fold characteristics
- High gloss and transparency
- Biodegradable base film



K250/280XS. K220/315XS are suitable for use as a single film or in laminate structures for overwrapping and form-fill-seal packaging.

K195/365XS. K160/440XS are generally used as a single film for medium to large packs on vertical or horizontal form-fill-seal machines. Particularly suitable for the packaging of snack foods, cereals, candy and other hygroscopic products.

K140/500XS. K116/600XS are suitable for use as a single film for heavy duty packaging, tear-tapes, etc.

A range of colored PVdC coated films is also available. For details, please contact your local Innovia Films office.

Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	HB20/XS type films					
				K250 280XS	K220 315XS	K195 365XS	K160 440XS	K140 500XS	K116 600XS
Thickness	Innovia Films test		mil	0.76	0.86	1.0	1.21	1.37	1.64
Yield	Innovia Films test		in ² /lb	25100	22300	19300	16000	14100	11700
Permeability to: Water vapor	ASTM E96	100° F 90% RH	g/100in ² . 24 hrs	0.65					
Oxygen	ASTM F 1927	75° F 0% RH	cc/100in ² . 24 hrs.bar	0.19					
Optical: Gloss	ASTM D 2457	45°	units	105					
Haze (wide angle)	ASTM D 1003	2.5°	%	4					
Coefficient of friction (film to film)	ASTM D 1894	Static Dynamic		0.25 0.20					
Tensile strength	ASTM D 882		kpsi	MD	TD	18 10			
Elongation at break	ASTM D 882		%	MD	TD	22 70			
Elasticity modulus (1% secant)	ASTM D 882		kpsi	MD	TD	>290 >145			
Sealing range	Innovia Films test	0.5 secs; 10 psi	°F	210-320					
Seal strength	Innovia Films test	275° F; 0.5 secs; 10 psi	g(f)/1'/:in	225					

All properties are tested under standard laboratory conditions: 75°F; 50± 5% RH, unless otherwise stated.

MD Machine Direction TD Transverse Direction

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Roll Specifications

Roll Lengths vs Approximate Outside Diameter

Film	Length/(feet)			
	9 1/2" O.D. (3" Core)	13" O.D. (3" Core)	18" O.D. 18 3/4" O.D. (3" Core) (6" Core)	22 1/2" O.D. (6" Core)
K250 HB20/280XS	6500	13000	26000	39000
K220 HB20/315XS	5700	11400	22800	34200
K195 HB20/365XS	5000	10000	20000	30000
K160 HB20/440XS	4100	8200	16400	24600
K140 HB20/500XS	3600	7200	14400	21600
K116 HB20/600XS	3000	6000	12000	18000

Other roll lengths are available subject to negotiation.

Sheets

We can provide sheets to a range of sizes and shapes upon request.

Film Storage

To maintain the high quality of this product during storage it is recommended that Cellophane K HB20/XS should be stored in its original wrapping away from any source of local heating or direct sunlight.

Recommended conditions of storage are:

Temperature: 60-75 °F

Relative Humidity: 35-55%

Cellophane K HB20/XS is suitable for use for 6 months from the date of delivery and stocks should be used in rotation.

Films should be allowed to reach operating room temperatures for 24 hours before use.

Food Contact

Cellophane K HB20/XS is suitable for most applications involving direct contact with foodstuffs. Cellophane PVdC copolymer coated films are manufactured to meet current FDA food contact regulations relating to regenerated cellulose films, specifically 21 CFR 177.1200. For specific inquiries, please refer to literature reference A120 or contact our Technical Services Department.

Health & Safety Guidelines

For Health and Safety information, please refer to literature reference A190.



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