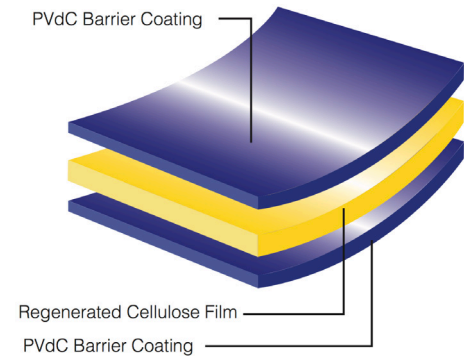


TRANSCELLO® XS-F

FEATURES – GENERAL PURPOSE FILM

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

- Inbuilt jaw release properties on both sides
- Heat-sealable on both sides
- Excellent barrier to water vapor, gases and aromas
- Inherent anti-static properties
- Resistant to oils and greases
- Both sides of the film are equally receptive to inks, adhesives and tear-tapes
- Excellent dead-fold characteristics
- Excellent gloss and transparency
- Based on renewable wood pulp



APPLICATIONS

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

365/440XS-F 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.

500/600XS-F 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 Transcendia office.

TECHNICAL PROPERTIES (TYPICAL VALUES)

PROPERTY	TEST BASIS	TEST CONDITIONS	UNITS	XS-F/HB20 TYPE FILMS					
				280XS-F K250	315XS-F K220	365XS-F K195	440XS-F K160	500XS-F K140	600XS-F K116
THICKNESS	Transcendia test	-	mil	0.76	0.86	1.00	1.20	1.37	1.64
YIELD	Transcendia 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					
	OXYGEN	ASTM F 1927	73°F 50% RH	cc/100in ² .24 hrs					
OPTICAL:	GLOSS	ASTM D 2457	45°	units					
	HAZE (WIDE ANGLE)	ASTM D 1003	2.5°	%					
COEFFICIENT OF FRICTION (FILM TO FILM)	ASTM D 1894	Static	-	0.25					
		Dynamic		0.20					
TENSILE STRENGTH	ASTM D 882	-	kpsi	MD	18				
				TD	10				
ELONGATION AT BREAK	ASTM D 882	-	%	MD	22				
				TD	70				
ELASTICITY MODULUS (1% SECANT)	ASTM D 882	-	kpsi	MD	>290				
				TD	>145				
SEALING RANGE	Transcendia test	0.5 secs; 10 psi	°F	210-320					
SEAL STRENGTH	Transcendia test	275°F; 0.5 secs; 10 psi	g(f)/1½in	225					

All information, recommendations and suggestions contained herein, including, without limitations, stated values (collectively the "Information") shall be used only as a guide by Purchaser and not for specification or any other purpose. The Information does not constitute a warranty nor guaranty of any type whatsoever. Purchaser should independently determine the suitability of all material purchased and must confirm adaptability and other characteristics by conducting its own test. Transcendia shall have no liability as a result of any loss, expense, damage, cost or other injury which results from Purchaser's reliance on the Information.

FOOD CONTACT

TRANSCELLO® XS-F is formulated to comply with US legislation for many room temperature food contact applications. Customers intending to use the film in a food contact application must request the Declaration of Compliance which gives full details. For information on other countries please contact your Transcendia Sales Office.

HEALTH AND SAFETY GUIDELINES

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

FILM STORAGE

To maintain the high quality of this product during storage it is recommended that TRANSCELLO® XS-F 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%

TRANSCELLO® XS-F 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.

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