

COATED ACRYLIC PVDC POLYPROPYLENE TECHNICAL SHEET

MATERIAL

Transparent OPP film, one side
 Acrylic and one side PVDC coated.

APPLICATION

Particularly suitable for applications
 where an increased shelf life of
 packed products is required,
 together with
 an attractive presentation.

HEALTH & SAFETY

Specially developed for
 packing foods and meets the
 specific requirements on health and
 safety.

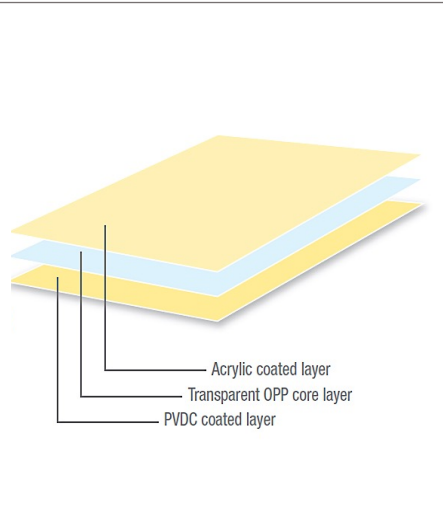
Complies with current US FDA
 and European food contact
 regulations.

STORAGE

The reels should be kept in their
 original packaging until used.

It is recommended that films are
 stored below 30°C in order to
 minimize deterioration of film
 properties.

All films should be allowed to reach
 operation room temperature for 24
 hours before use.



- Excellent barrier to gas and aromas and outstanding sealing properties with PVDC, Wide sealing range with Acrylic
- Consistent machineability on a wide range of packaging machines
- Easy convertibility (printing and lamination)
- Excellent optical properties
- Water based coating

Properties	21	26	31	41	Unit	Measuring method
Unit weight	20.5	25.0	29.6	38.7	g/m ²	ISO 4591
Average yield	48.8	40.0	33.8	25.8	m ² /kg	ISO 4591
Haze	2.5	2.5	2.5	2.5	%	ASTM D 1003
Gloss at 45°						
(acrylic side / PVDC side)	100 / 100	100 / 100	100 / 100	100 / 100	gloss unit	ISO 2813
Heatseal strength						
(Acrylic / PVDC)	3.5 / 3.5	3.5 / 3.5	3.5 / 3.5	5.0 / 3.5	N/15 mm	Bogophane Testing
Heatseal range						
(Acrylic / PVDC)	90-145 / 100-145	90-145 / 100-145	90-145 / 100-145	90-145 / 100-145	°C	Bogophane Testing
Coefficient of friction						
film/film, Acrylic, dynamic	0.20	0.20	0.20	0.20	–	ISO 8295
film/film, PVDC, dynamic	0.25	0.25	0.25	0.25	–	ISO 8295
Tensile strength						
machine direction / transverse direction	120 / 300	120 / 300	120 / 300	120 / 300	N/mm ²	ISO 527 -1/-3
Elongation at break						
machine direction / transverse direction	220 / 55	220 / 55	220 / 55	220 / 55	%	ISO 527 -1/-3
Water vapour permeability						
38 °C / 90 % r.h.	4.8	4.0	3.7	2.6	g/m ² /d	ASTM F 1249
Oxygen permeability						
23 °C / 0 % r.h.	25	25	25	25	cm ³ /m ² /d/atm	ASTM D 3985

Dimensions	21	26	31	41	Unit
Reel length					
standard length (6-times)	21 000	16 800	14 100	10 500	m
Max. reel outside diameter					
core diameter 152 mm	775	775	775	775	mm

Max. reel width: 2000 mm (widths > 2000 mm on request)