

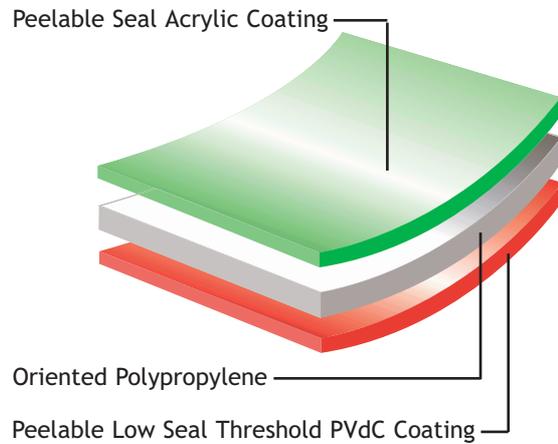
Propafilm™ RDP

Data

Peelable Seal Differentially Barrier Coated Film

Biaxially oriented polypropylene (BOPP) film coated on one side with an aqueous dispersion of polyvinylidene chloride (PVdC) copolymer, the other side is coated with an aqueous acrylic dispersion.

- Heat-sealable on both sides. (A/A, P/P and A/P) with unique peelable seal opening system
- Excellent barrier to water vapour, gases and aromas
- Both sides of the film are receptive to inks, adhesives and tear tapes
- Puncture and impact-resistance properties are maintained even at low temperatures



Applications

RDP31 is recommended for use in plain and printed packs. Applications in the biscuit, bakery and confectionery industries. Particularly suitable for V.F.F applications.

Technical Properties (Typical Values)

| Property | Test Method | Test Conditions | Units | RDP |
|---|--------------------|--|--|--------------------------|
| Thickness | Innovia Films test | | micron | 31 |
| Yield | Innovia Films test | | m ² /kg g/m ² | 34.9 28.7 |
| Permeability to: Water vapour | ASTM F 1770 | 23 °C 85% RH 38 °C 90% RH | g/m ² .24 hrs | 0.8 4.0 |
| Oxygen | ASTM F 1927 | 23 °C 85% RH 25 °C 0% RH | cc/m ² .24 hrs | 30 29 |
| Optical: Gloss | ASTM D 2457 | 45° | units | 100 |
| Haze (wide angle) | ASTM D 1003 | 2.5° | % | 3-4 |
| Coefficient of friction (film to film) | ASTM D 1894 | Static A/P Dynamic A/P | | 0.20-0.30 0.20-0.30 |
| Sealing range | Innovia Films test | 2 secs; 0.10 MN/m ² A/A P/P | °C | 85-145 105-145 |
| Seal strength | Innovia Films test | 130 °C; 2 secs; 0.10 MN/m ² A/A P/P | g(f)/25mm | 300 350 |
| Shrinkage | Innovia Films test | 60 secs at 120 °C 60 secs at 130 °C | % MD TD MD TD | 4.0 Nil 7.0 1.0 |

All properties are tested under standard laboratory conditions: 23± 2°C; 50± 5% RH, unless otherwise stated. Where relevant, tests are based on international testing standards.

MD Machine Direction

TD Transverse Direction

A Acrylic Surface

P PVdC Surface

Reel Specifications

Nominal Reel Diameters

| Film | Length/(metres) | | | | | |
|---------------------------------|-----------------|-------|-------|-------|-------|-------|
| | 1250 | 2500 | 5000 | 7500 | 10000 | 15000 |
| RDP31 | | | | | | |
| Outside Diameter for 77mm Core | 240mm | 330mm | 450mm | ns | ns | ns |
| Outside Diameter for 153mm Core | ns | ns | 475mm | 570mm | 650mm | 785mm |

ns = non-standard

Other reel lengths are available subject to negotiation.

Acrylic Coated Surface

The acrylic coated surface is available on either the inner or outer surface of Propafilm RDP.

The acrylic surface is indicated by a symbol on a label attached to each reel.

| Acrylic Surface | Ordering Code | Label Symbol |
|-----------------|---------------|---|
| Inside | I |  |
| Outside | O |  |

Film Storage & Handling

The low heat-seal threshold and wide seal range of Propafilm RDP film allows its use in particularly demanding packaging machine applications.

Care should therefore be taken to protect reels of film from storage temperatures above 30°C and localised sources of heat above 45°C.

Reels of Propafilm RDP should be protected from high levels of moisture and accidental water splashes at all times. The reels should remain in the protective coverings supplied until ready for use on converting or packaging machinery.

Converted reels, in both master and slit reel form should be similarly protected at all times.

Propafilm RDP 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

Propafilm RDP is suitable for most applications involving direct contact with foodstuffs. For specific enquiries, please refer to literature reference B120 or contact our Technical Services Department.

Health & Safety Guidelines

For Health and Safety information, please refer to literature reference B190.



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