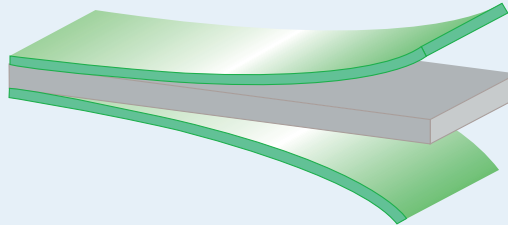


Propafilm™ SRC (Tobacco)

Technical Data Sheet

SRC - Shrink Tightening Acrylic Coated Film.

Biaxially oriented polypropylene (BOPP) film coated on both sides with an aqueous acrylic (chlorine free) dispersion.



- Acrylic Coating
- Shrink Tightening Oriented Polypropylene
- Acrylic Coating

Features

- Superior controlled, balanced shrinkage
- Excellent barrier to water vapor, flavors and aromas
- Low sealing threshold and broad sealing range on both sides
- Both sides of the film are receptive to inks, adhesives and tear-tapes
- Superior optical properties
- Overcomes film relaxation problems

Applications

SRC24(95) is suitable for use as a clear/naked collation carton or bundle overwrap in the tobacco or other packaging industries where exceptional appearance, aroma barrier and wrap tightness are required.



Technical Properties (Typical Values)

| Property | Test Method | Test Conditions | Units | SRC |
|--------------------------------------|--------------------|---|--------------------------------|-----------|
| Thickness | Innovia Films test | | micron | 24 |
| | | | gauge | 95 |
| Yield | Innovia Films test | | m ² /kg | 45.6 |
| | | | in ² /lb | 32100 |
| | | | g/m ² | 21.9 |
| Permeability to: Water vapour | ASTM F 1249 | 38°C 90% RH 100°F 90% RH | g/m ² .24 hrs | 5.4 |
| | | | g/100in ² . 24 hrs | 0.35 |
| Oxygen | ASTM F 1927 | 23°C 0% RH 73°F 0% RH | cc/m ² .24 hrs | 850 |
| | | | cc/100in ² . 24 hrs | 55 |
| Optical: Gloss | ASTM D 2457 | 45° | units | 90 |
| Haze (wide angle) | ASTM D 1003 | 2.5° | % | 2.0-2.5 |
| Coefficient of friction (out to out) | ASTM D 1894 | Static/ Dynamic | | 0.20-0.30 |
| | | | | 0.20-0.30 |
| Sealing range | Innovia Films test | 2 secs; 0.10MN/m ² 2 secs; 15 psi | °C | 85-140 |
| | | | °F | 185-285 |
| Seal strength | Innovia Films test | 130°C; 2 secs; 0.10MN/m ² 265°F; 2 secs; 15 psi | g(f)/25mm/ in | >400 |
| Shrinkage | Innovia Films test | 60 secs at 80°C (176°F) 60 secs at 120°C (248°F) | % MD | 1.5 |
| | | | % TD | 1.0 |
| | | | % MD | 6.0 |
| | | | % TD | 9.0 |

MD Machine Direction TD Transverse Direction

All properties are tested under standard laboratory conditions: 23 ± 2°C, 50 ± 5% RH, (73 ± 4F, 50 ± 5% RH), unless otherwise stated. Where relevant, tests are based on international testing standards.

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Propafilm™ SRC

Technical Data Sheet

Reel Specifications

Nominal Reel Diameters

| Film | 2x Length (metres) |
|-------|--------------------|
| SRC24 | 3100 |

| Film | 2x Length (feet) |
|-------|------------------|
| SRC95 | 10170 |

Our preferred reel length is 2x. Other reel lengths are available on request.

| Outside Diameter | 2x |
|---------------------|---------------|
| For 77mm / 3in core | 330mm 13in |

Film Storage and Handling

The low heat-seal threshold and wide seal range of Propafilm™ SRC 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 (85°F) and localised sources of heat above 45°C (115°F). Reels of Propafilm™ SRC 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™ SRC 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™ SRC complies with the applicable EU and US legislation for most applications involving direct contact with foods. Full details are given on the Declaration of Compliance. Customers intending to use Propafilm™ SRC in a food contact application should request a copy of this document from Innovia Films. Details of compliance with food contact legislation in non-EU countries are also available upon request.

Health & Safety Guidelines

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

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