

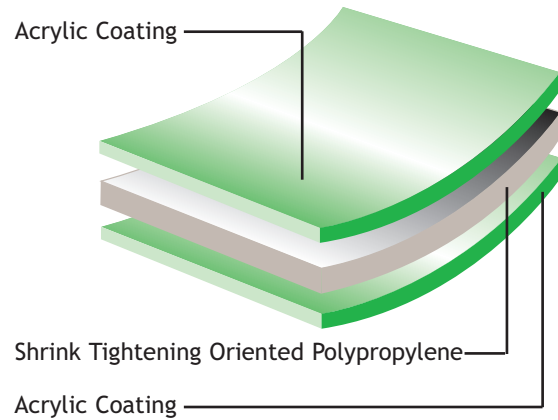
Propafilm™ SRC

Data

Shrink Tightening Acrylic Coated Film

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

- Superior controlled, balanced shrinkage
- Excellent barrier to water vapour, flavours 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 is suitable for use as a carton, naked collation 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
Yield	Innovia Films test		m ² /kg g/m ²	45.6 21.9
Permeability to: Water vapour	ASTM F 1770	23 °C 85% RH 38 °C 90% RH	g/m ² .24 hrs	1.0 5.4
Oxygen	ASTM F 1927	23 °C 85% RH 25 °C 0% RH	cc/m ² .24 hrs	750 850
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; 0.10 MN/m ²	°C	85-140
Seal strength	Innovia Films test	130 °C; 2 secs; 0.10 MN/m ²	g(f)/25mm	>400
Shrinkage	Innovia Films test	60 secs at 80 °C 60 secs at 120 °C	% MD TD MD TD	1.5 1.0 6.0 9.0

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

Reel Specifications

Nominal Reel Diameters

Film	Length/(metres)		
	SRC24	1550	3100
Outside Diameter for 77mm Core	240mm	330mm	450mm

ns = non-standard

Other reel lengths are available subject to negotiation.

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 and localised sources of heat above 45°C.

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 compositional requirements of FDA 21CFR 177.1520. This film does not comply with current EU food contact regulations and so should not be used for direct food contact in the EU Member States. For specific enquiries, please refer to literature reference B110 or contact our Technical Services Department.

Health & Safety Guidelines

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



www.innoviafilms.com
 email: filmsinfo@innoviafilms.com
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Sales Offices

Europe (UK)	Tel +44 (0)16973 42281
Americas (USA)	Tel +1 877 822 3456
Asia-Pacific (Aus)	Tel +61 3 9303 0600

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