

Rayoface™ V

Data

White, Biaxially Oriented Polypropylene Film for Facestock Applications

FEATURES

- Corona treated print surface
- No migratory additives
- High opacity
- Excellent hot/cold moisture resistance
- Recyclable with polyolefin materials
- High stiffness for conversion and automatic dispensing
- Balanced biaxial orientation for superior even die cutting
- High gloss surface

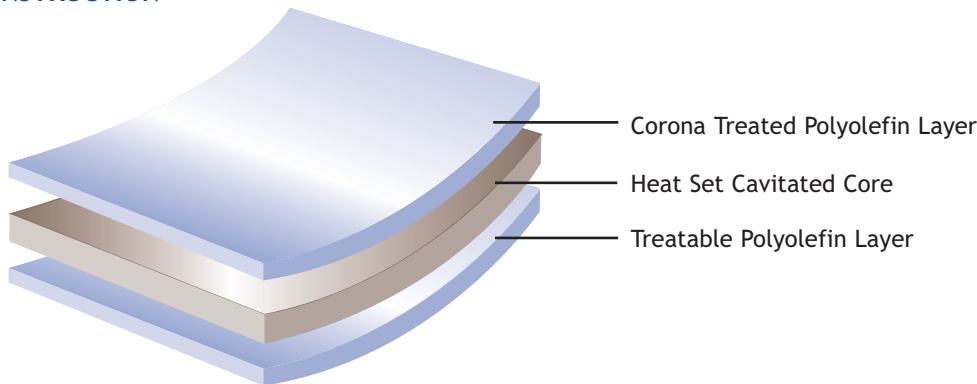
PRINTABILITY

Rayoface V can be printed by traditional flexographic and gravure processes. However, exact ink systems should be recommended by your supplier. Additional corona treatment is recommended for optimum performance.

CONVERSION

The balanced biaxial orientation of Rayoface V results in excellent die cutting performance, enhancing label edge appearance and prolonging die life. The high machine direction stiffness and tensile strength produces excellent matrix stripping, superior high speed label dispensing as well as offering high efficiency top coating or adhesive lamination processes.

CONSTRUCTION



STANDARD ROLL SPECIFICATIONS

| Film | Core Size / (in) | Approx Outside Dia / (in) | Length / (feet) |
|------|------------------|---------------------------|-----------------|
| V260 | 6 | 35.4 | 30500 |
| V310 | 6 | 32.4 | 20700 |

Alternative roll lengths/core sizes are available subject to negotiation.
Corona treatment is available on either the inner or outer surface of Rayoface V.

Rayoface™ V _____ Data

Technical Properties (Typical Values)

Physical Data

| Property | Test Method | Test Conditions | Units | V | |
|-----------------|--------------------|-----------------|---|---------------|---------------|
| Thickness | Innovia Films test | | gauge | 260 | 310 |
| Yield | Innovia Films test | | in ² /lb g/m ² | 16900 41.7 | 13700 51.3 |
| Optical Opacity | Innovia Films test | | % | 90 | 91 |

Mechanical Data

| | | | | | |
|-----------------------------------|------------|---------------------|------|----------|--------------|
| Tensile strength | ASTM D 882 | Strain rate 50%/min | kpsi | MD TD | 14.5 11.6 |
| Elongation at break | ASTM D 882 | Strain rate 50%/min | % | MD TD | 55 70 |
| Elasticity modulus (1% secant) | ASTM D 882 | Strain rate 10%/min | kpsi | MD TD | 210 174 |

Thermal Data

| | | | | | |
|-----------------------|--------------------|-------------------|---|----------|----------|
| Dimensional stability | Innovia Films test | 60 secs at 248 °F | % | MD TD | 2.5 |
| | | 60 secs at 266 °F | | | MD TD |

All properties are tested under standard laboratory conditions: 73 ±4 °F; 50 ±5% RH, unless otherwise stated.
 MD Machine direction TD Transverse direction

Film Storage

For the storage of Rayoface V it is recommended that dry conditions at temperatures below 86 °F are employed to minimize any deterioration of surface discharge treatment level.

Rayoface V 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.

Please refer to literature reference L110 - 1 of 2.

Food Contact

Rayoface V is suitable for most applications involving direct contact with foodstuffs. For specific inquiries, please refer to literature reference L110 - 2 of 2, or contact our Technical Services Department.

Health and Safety Guidelines

For Health and Safety information, please refer to literature reference L190.



www.innoviafilms.com
 email: labelsamericas@innoviafilms.com
 ™Trademark of Innovia Films Group

Sales Offices

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

Disclaimer: Innovia Films or any of its affiliated companies (hereinafter 'Innovia Films') declines any liability with respect to the use made by any third party of the information contained herein. The information contained herein represents Innovia Films' best knowledge thereon without constituting any express or implied guarantee or warranty of any kind (including, but not limited to, the accuracy, the completeness or relevance of the data set out herein). Innovia Films is the sole owner or authorized user of the intellectual property rights relating to the information communicated. The information relating to the use of the products is given for information purposes only. No guarantee or warranty is provided that the product is adapted to the client's specific use. The client should perform his own tests to determine the suitability for a particular purpose. The final choice of use of a product remains the sole responsibility of the client.