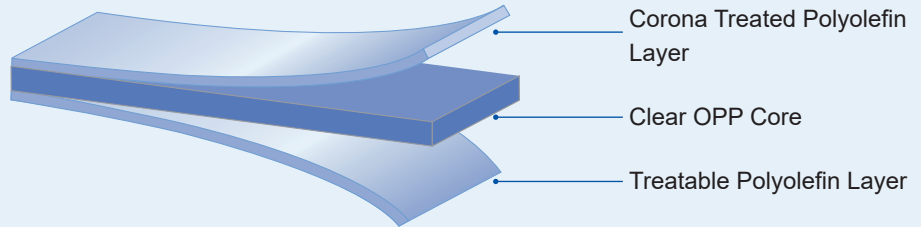


# Rayoface™ C

## Technical Data Sheet

**C** - Clear, High Gloss, Biaxially Oriented Polypropylene Film for Facestock Applications.

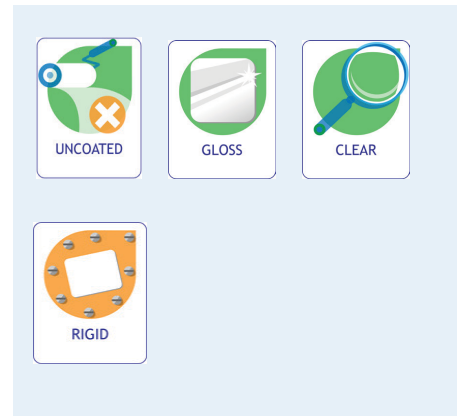


### Features

- Corona treated print surface
- No migratory additives
- Excellent clarity for 'no-label look'
- Excellent hot/cold moisture resistance
- Recyclable with polyolefin materials
- Semi-squeeze performance
- High stiffness for conversion and automatic dispensing
- Balanced biaxial orientation for superior die cutting
- High gloss surface

### Printability

**Rayoface™ C** can be printed by traditional flexographic and gravure processes. However, exact ink systems should be recommended by your supplier. Additional in-line corona treatment is recommended for optimum performance.



### Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	C					
				38	49	50	58	90	
Thickness	Innovia Films test		micron	38	49	50	58	90	
			gauge	160	195	200	230	360	
Yield	Innovia Films test		m <sup>2</sup> /kg	28.9	22.4	22.0	18.9	12.3	
			in <sup>2</sup> /lb	20300	15750	15450	13300	8600	
			g/m <sup>2</sup>	34.6	44.6	45.5	52.9	81.3	
Optical; Gloss Haze (wide angle)	Innovia Films test	45° 2.5°	%	85					
				<2.0					
Tensile strength	ASTM D 882	Strain rate 50%/min	MN/m <sup>2</sup>	MD TD	200			190	
					180				
			kpsi	MD TD	29.0			27.5	
					26.1				24.6
Elongation at break	ASTM D 882	Strain rate 50%/min	%	MD TD	105			130	
					120				140
Elasticity modulus (1% secant)	ASTM D 882	Strain rate 10%/min	MN/m <sup>2</sup>	MD TD	2400			2000	
					2200				
			kpsi	MD TD	348			290	
					319				276
Dimensional stability	Innovia Films test	60 secs at 120°C (248°F)	%	MD TD	3.0				
					NIL				
					60 secs at 130°C (266°F)	6.0			
						1.0			

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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### Conversion

The balanced biaxial orientation of Rayoface™ C 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 and superior high speed label dispensing.

### Reel Specifications

#### Nominal Reel Diameters

Film	Core Size/(mm)	Approx Outside Dia/(mm)	Length/(metres)
C38	153	785	12300
C49	153	1109	18350
C50	153	816	9600
		920	12300
		1120	18300
C58	153	870	9600
		990	12300
		1200	18300
C90	77	450	1600
	153	864	6000
Film	Core Size/(in)	Approx Outside Dia/(in)	Length/(feet)
C160	6	36.2	40300
C195	6	43.5	60200
C200	6	31.9	31500
		36.2	40300
		44.1	60000
C230	6	34.3	31500
			40300
			60000
C360	3	17.7	5600
	6	37.9	19700

Alternative reel lengths/core sizes are available subject to negotiation.  
The print coating is available on either the inner or outer surface of Rayoface™ C.

### Film Storage and Handling

For the storage of Rayoface™ C it is recommended that dry conditions at temperatures below 30°C (86°F) are employed to minimise any deterioration of surface discharge treatment level. Rayoface™ C 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

Rayoface™ C 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 Rayoface™ C 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 L190.

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