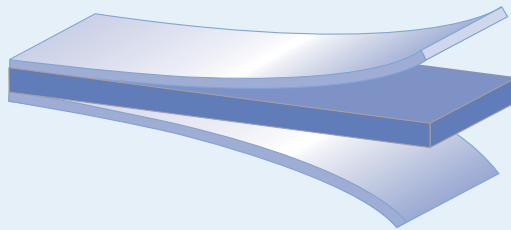


# Rayoweb™ CR

## Technical Data Sheet

**CR** - Clear, Biaxially Oriented Polypropylene Film for Release Liner Applications.



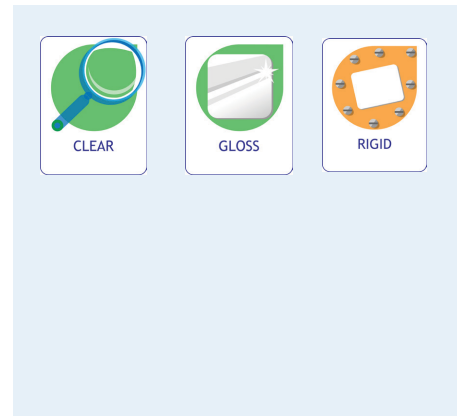
- Corona Treated Polyolefin Layer
- Clear OPP Core
- Treatable Polyolefin Layer

### Features

- Corona treated surface for optimum silicone adhesion
- Optimum surface smoothness for siliconisation
- High MD stiffness for superior conversation
- Excellent resistance to web breaks
- No migratory additives
- Excellent hot/cold moisture resistance
- High dimensional stability

### Printability

**Rayoweb™ CR** can be siliconised by thermal and radiation curing processes. However, exact silicone systems should be recommended by your supplier.



### Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	CR	
Thickness	Innovia Films test		micron	30	50
			gauge	120	200
Yield	Innovia Films test		m <sup>2</sup> /kg	36.6	22.0
			in <sup>2</sup> /lb	25700	15500
Tensile strength	ASTM D 882	Strain rate 50%/min	MN/m <sup>2</sup>	200	
			kpsi	180	
Elongation at break	ASTM D 882	Strain rate 50%/min	%	29.0	
				26.0	
Elasticity modulus (1% secant)	ASTM D 882	Strain rate 10%/min	MN/m <sup>2</sup>	105	
			kpsi	120	
Dimensional stability	Innovia Films test	60 secs at 120°C (248°F)	%	2400	
				2200	
		60 secs at 130°C (266°F)		348	
				319	
		60 secs at 120°C (248°F)		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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# Rayoweb™ CR

## Technical Data Sheet

### Conversion

The high machine direction stiffness of Rayoweb™ CR gives excellent processing during silicone coating and superior properties during label conversion. The excellent gauge uniformity and film thickness have been designed for use with standard dies.

### Reel Specifications

#### Nominal Reel Diameters

Film	Core Size/(mm)	Approx Outside Dia/(mm)	Length/(metres)
CR30	153	785	15000
		871	18300
CR50	153	810	9600
		990	12300
Film	Core Size/(in)	Approx Outside Dia/(in)	Length/(feet)
CR120	6	30.9	49200
		34.3	60000
CR200	6	31.9	31500
		39.0	40300

Alternative reel lengths/core sizes are available subject to negotiation.

The print coating is available on either the inner or outer surface of Rayoweb™ CR.

### Film Storage and Handling

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

Rayoweb™ CR 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™ CR 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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