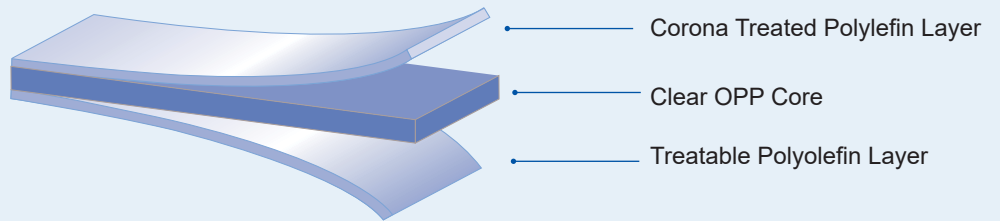


# Rayoweb™ CRS

## Technical Data Sheet

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

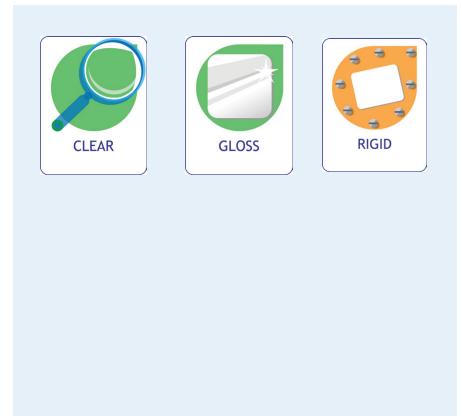


### Features

- Corona treated surface for optimum silicone adhesion
- Optimum surface smoothness for siliconisation
- Enhanced MD stiffness for superior conversion
- Excellent resistance to web breaks and elongation
- Minimised elongation during conversion and recycling
- Excellent hot/cold moisture resistance
- High dimensional stability

### Printability

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



### Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	CRS
Thickness	Innovia Films test		micron	30
			gauge	120
Yield	Innovia Films test		m <sup>2</sup> /kg	36.6
			in <sup>2</sup> /lb	25700
			g/m <sup>2</sup>	27.3
Tensile strength	ASTM D 882	Strain rate 50%/min	MN/m <sup>2</sup>	200
			MD	180
			kpsi	28.9
			TD	26.1
Elongation at break	ASTM D 882	Strain rate 50%/min	%	105
			MD	120
Elasticity modulus (1% secant)	ASTM D 882	Strain rate 10%/min	MN/m <sup>2</sup>	3000
			MD	3000
			kpsi	435
			TD	435
Dimensional stability	Innovia Films test	60 secs at 120°C (248°F)	%	3.0
			TD	Nil
		60 secs at 130°C (266°F)	MD	6.0
			TD	1.0

MD Machine Direction TD Transverse Direction

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

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# Rayoweb™ CRS

## Technical Data Sheet

### Conversion

The high machine direction stiffness of Rayoweb™ CRS 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)
CRS30	153	823	16300

Film	Core Size/(in)	Approx Outside Dia/(in)	Length/(feet)
CRS120	6	34.3	60000

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

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

### Film Storage and Handling

For the storage of Rayoweb™ CRS 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™ CRS 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™ CRS 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™ CRS 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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