

# Rayoweb™ CR

Data

Clear, Biaxially Oriented Polypropylene Film for Release Liner Applications

## FEATURES

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

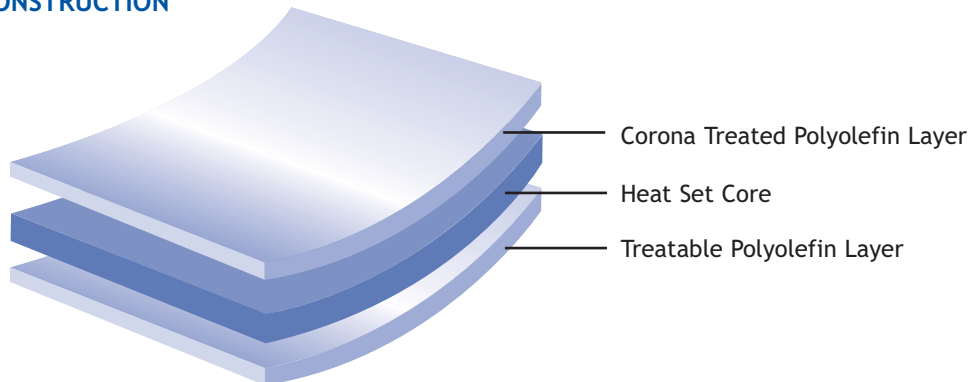
## SILICONISATION

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

## 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.

## CONSTRUCTION



## STANDARD REEL SPECIFICATIONS

Film	Core Size / (mm)	Approx Outside Dia / (mm)	Length / (metres)
CR30	153	785	15000
CR50	153	810	9600

Alternative reel lengths/core sizes are available subject to negotiation.  
Corona treatment is available on either the inner or outer surface of Rayoweb CR.

# Rayoweb™ CR \_\_\_\_\_ Data

## Technical Properties (Typical Values)

### Physical Data

Property	Test Method	Test Conditions	Units	CR	
Thickness	Innovia Films test		micron	30	50
Yield	Innovia Films test		m <sup>2</sup> /kg g/m <sup>2</sup>	36.6	22.0
				27.3	45.5

### Mechanical Data

Tensile strength	ASTM D 882	Strain rate 50%/min	MN/m <sup>2</sup>	MD TD	200 180
Elongation at break	ASTM D 882	Strain rate 50%/min	%	MD TD	105 120
Elasticity modulus (1% secant)	ASTM D 882	Strain rate 10%/min	MN/m <sup>2</sup>	MD TD	2400 2200

### Thermal Data

Dimensional stability	Innovia Films test	60 secs at 120° C	%	MD TD	3.0 Nil
		60 secs at 130° C		MD TD	6.0 1.0

All properties are tested under standard laboratory conditions: 23 ±2° C; 50 ±5% RH, unless otherwise stated.

MD Machine direction      TD Transverse direction

### Film Storage and Handling

For the storage of Rayoweb CR it is recommended that dry conditions at temperatures below 30° C 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.

Please refer to literature reference L110 - 1 of 2.

### Food Contact

Rayoweb CR is suitable for most applications involving direct contact with foodstuffs. For specific enquiries, please refer to literature reference L110 - 2 of 2.

### Health and Safety Guidelines

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



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