

Rayoweb™ CR

Data

Clear, Biaxially Oriented Polypropylene Film for Release Liner Applications

FEATURES

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

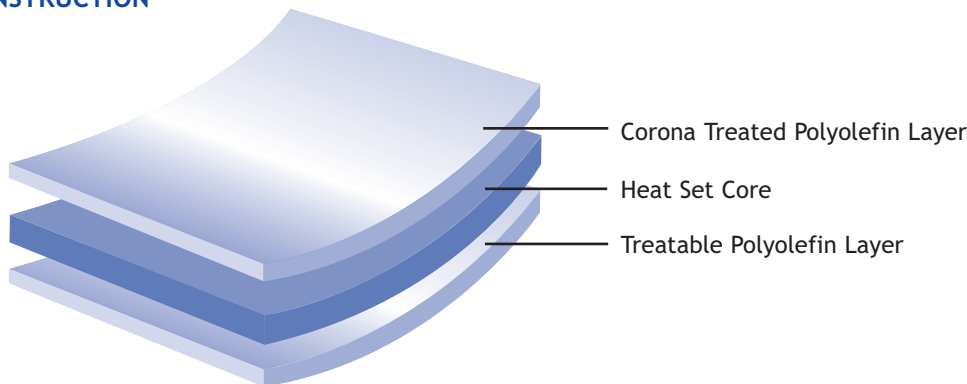
SILICONIZATION

Rayoweb CR can be siliconized 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 ROLL SPECIFICATIONS

Film	Core Size / (in)	Approx Outside Dia / (in)	Length / (feet)
CR120	6	30.9	49200
CR200	6	31.9	31500

Alternative roll 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		gauge	120	200
Yield	Innovia Films test		in ² /lb g/m ²	25700 27.3	15500 45.5

Mechanical Data

Tensile strength	ASTM D 882	Strain rate 50%/min	kpsi	MD TD	30.5 24.7	29.0 26.0
Elongation at break	ASTM D 882	Strain rate 50%/min	%	MD TD	80 110	105 120
Elasticity modulus (1% secant)	ASTM D 882	Strain rate 10%/min	kpsi	MD TD	421 377	348 319

Thermal Data

Dimensional stability	Innovia Films test	60 secs at 248 °F	%	MD TD	3.0
		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 Rayoweb CR it is recommended that dry conditions at temperatures below 86 °F are employed to minimize 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 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.



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