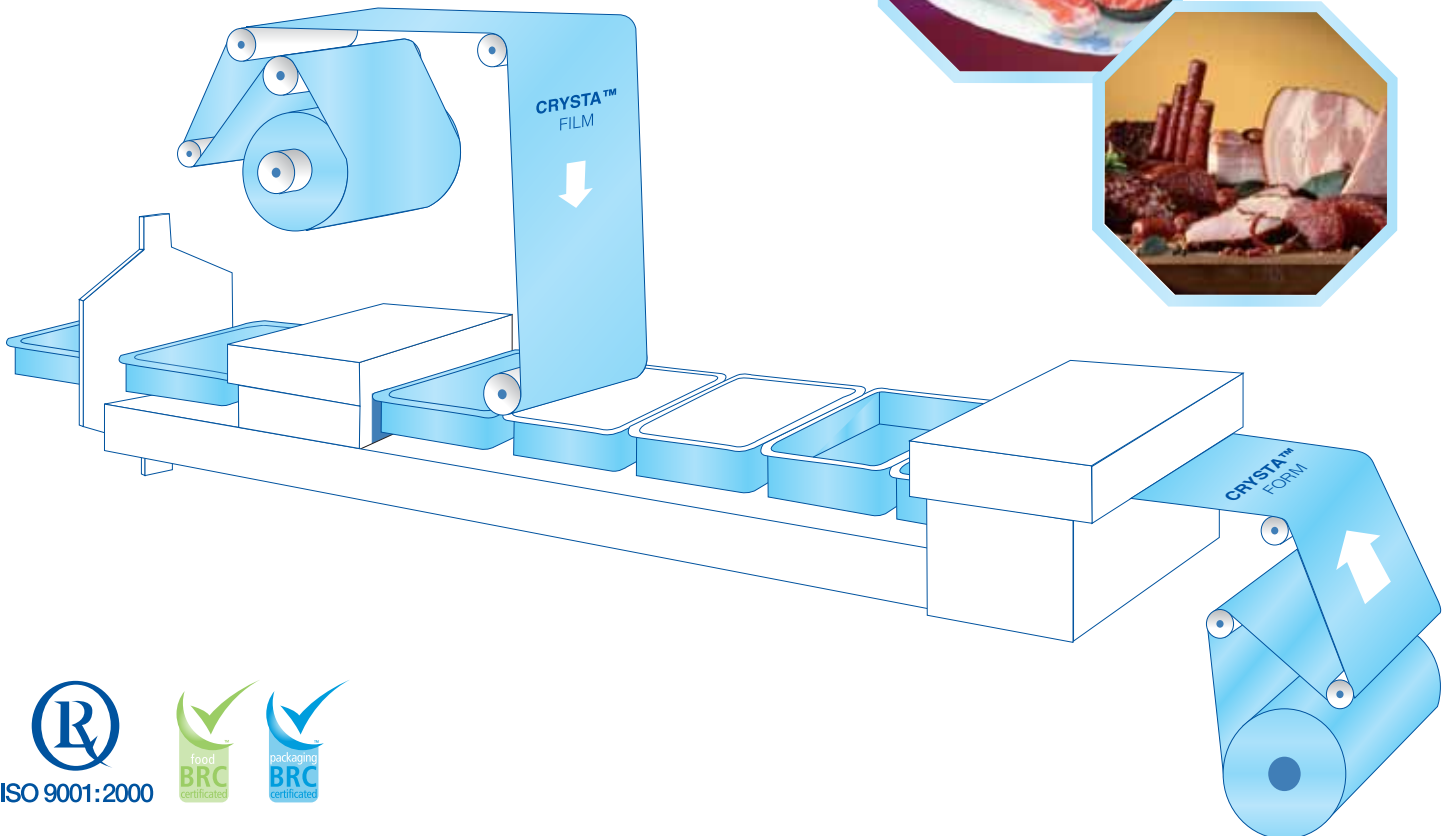




CLIFTON PACKAGING GROUP LTD
the total packaging solution

 **CRYSTA™**
Thermoforming Film



CRYSTA™ Thermoforming Film

Clifton Packaging are pleased to introduce **CRYSTA™** FILM - a radical new range of high gloss, crystal clear, easy forming, and excellent-performance barrier films for both top and bottom web applications.

The **CRYSTA™** family of films features a revolutionary multi-layer co-extrusion process with unique and innovative cooling properties allows the films to crystallize giving you perfect clarity.

CRYSTA™ family of films are production friendly and perform consistently for your most demanding applications.

CRYSTA™ FILM & FORM have been specially designed and engineered to perform on all thermoforming machines for the majority of applications.

The unique mechanical properties of **CRYSTA™** film allows for downgauging without losing any reliability or protective properties required for your vacuum packing and MAP applications.

Characteristics

- Exceptional optical clarity.
- High gloss finish.
- Lower form & seal temperatures.
- Improved draw depth properties.
- Excellent memory retention.
- Superior hot tack properties.
- Sealability through contaminants.
- Pasteurisable upto 100°C.
- Structure not affected by moisture.
- Excellent puncture resistance.

Applications

- Fresh Meat.
- Fish.
- Poultry.
- Sausages and Cured Meats.
- Cooked Meats.
- Cheese.
- Bread.
- Sauces and Soups.
- Processed Produce.
- Boil in the Bag and Pasteurization.
- Ready Meals.

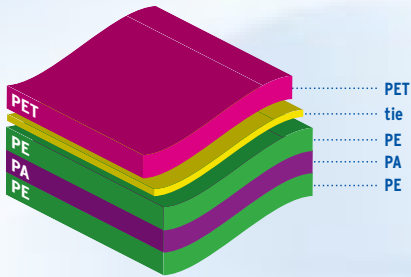




CRYSTA™

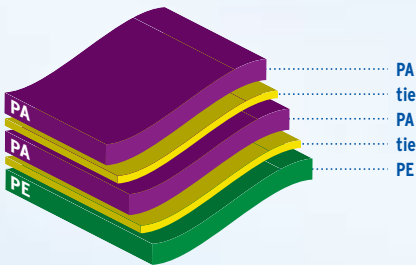
Thermoforming Film

CRYSTA™ FILM



- Non formable barrier top web.
- High gloss finish.
- Non curling with good hot tack seal to **CRYSTA™** base webs.
- Available gauge: 65-75 microns.

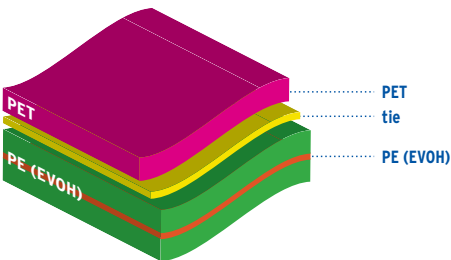
CRYSTA™ FORM



- Formable barrier base web.
- Excellent memory retention.
- Improved draw depth properties for excellent forming and better corner wall thickness over standard films.
- Available gauge: 65-225 microns.

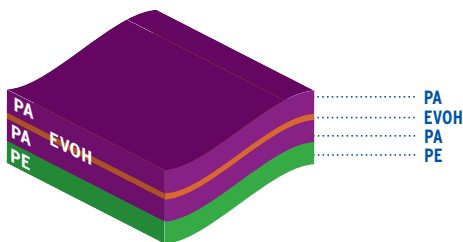
Application Vacuum Packaging, MAP, Boil in Bag, Pasteurization & Sterilization upto 100°C.

CRYSTA™ FILM B



- Non formable high barrier top web.
- Sandwiched EVOH barrier for better protection.
- Non curling with good hot tack seal to **CRYSTA™** base webs.
- Available gauge: 65-75 microns.

CRYSTA™ FORM B



- Formable high barrier base web.
- Improved draw depth properties for excellent forming and better corner wall thickness over standard films..
- Available gauge: 65-225 microns.

Application Vacuum Packaging, MAP. For oxygen sensitive and long shelf life products such as cooked meat products, long life bread and dairy.



CRYSTA™

Thermoforming Film

Packing Specification

Material Code	Thickness µm			Metres Per Reel	Metres per Pallet		
		F	NF		< 325mm	325 - 600mm	> 600mm
CF 501 65 µm	65	X		1,100	26,400	17,600	8,800
CF 501 75 µm	75	X		800	19,200	12,800	6,400
CF 501 90 µm	90	X		700	16,800	11,200	5,600
CF 501 100 µm	100	X		700	16,800	11,200	5,600
CF 501 125 µm	125	X		550	13,200	8,800	4,400
CF 501 150 µm	150	X		450	10,800	7,200	3,600
CF 501 175 µm	175	X		400	9,600	6,400	3,600
CF 501 200 µm	200	X		350	8,400	5,600	2,800
CF 501 225 µm	225	X		300	7,200	4,800	2,400
CL 451 65 µm	65		X	1,100	26,400	17,600	8,800
CL 451 75 µm	75		X	800	19,200	12,800	6,400
CF 501 B 65 µm	65	X		1,100	26,400	17,600	8,800
CF 501 B 75 µm	75	X		800	19,200	12,800	6,400
CF 501 B 90 µm	90	X		700	16,800	11,200	5,600
CF 501 B 125 µm	125	X		550	13,200	8,800	4,400
CF 501 B 150 µm	150	X		450	10,800	7,200	3,600
CF 501 B 175 µm	175	X		400	9,600	6,400	3,600
CF 501 B 200 µm	200	X		350	8,400	5,600	2,800
CF 501 B 225 µm	225	X		300	7,200	4,800	2,400
CL 451 B 65 µm	65		X	1,100	26,400	17,600	8,800
CL 451 B 75 µm	75		X	800	19,200	12,800	6,400

F = Formable NF = Non Formable B = With EVOH HB = With Thicker EVOH
 Typical packing specs but may vary for specific applications.

OPTIONS

- Blue tint.
- Peelable seal.
- Antifog coating.
- Corona treated for printing.

For further information please contact one of our film technicians who will be able to help you with the products we supply engineered to suit your specific market and product application.

CLIFTON PACKAGING GROUP LTD

Meridian Business Park, Centurion Way, Leicester, LE19 1WH (U.K) - Tel: +44 (0)116 289 3355 - Fax: +44 (0)116 289 1113
 Email: info@cliftonpackaging.co.uk - Web: www.cliftonpackaging.com