



POLYBOND®

#BETTER GO GREEN



Polybond® CGP 85

Cellulose based packaging for rigid application
Reduce plastic footprint with renewable materials



www.sterimed.fr



STERIMED
INFECTION CONTROL

THE ALTERNATE SOLUTION TO POLYOLEFIN MATERIALS

STERIMED has developed the Polybond® CGP 85, a unique cellulose-based top web solution for rigid packaging applications.

POLYBOND® CGP 85



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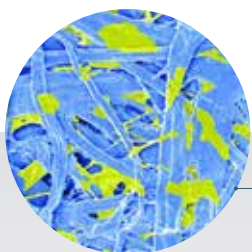
Reduce your plastic consumption by 35%* and increase your biodegradability with materials made of 70 % renewable resource content. Polybond CGP 85 material is solvent free and improves the packaging end life impact.

* Based on comparison with 100% plastic blister.



RESISTANT & SAFE

Thanks to specific proprietary technologies, there is a reduced risk of external contamination and maximized sterilization processes. Offer good alternatives to polyolefin materials.



Natural fibers with synthetic binding

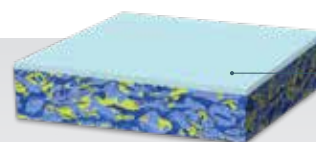
MATERIAL

Its unique fiber mesh structure mixes cellulose with a high content level of polymer binder. It allows for very flexible material and superior performance in preventing the risk of break, puncture & burst. Synthetic binders are used for optimal mechanical characteristics, and cellulose contributes to breathability and efficient sterilization processes.

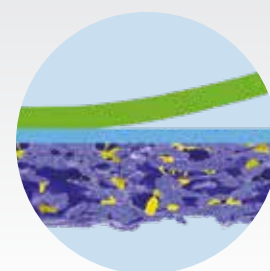


SEALING

The 5gsm grid patterned coating allows excellent sealing performance when combined with PETG blisters while ensuring perfect aseptic presentations.



5gsm coating



Film

5gsm coating

Porous web



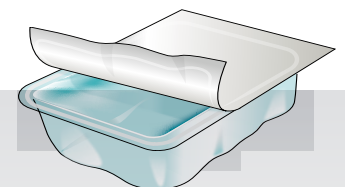
EFFICIENT & RELIABLE

STERIMED is ecovadis certified. The entire production is made in-house from the R&D, design and delivery, allowing an efficient and reliable supply chain. Reduce and control your supply chain risks to improve cost for performance.



COST EFFECTIVE

Rigid packaging materials are limited to a few alternatives, which can lead to overdesign packaging, often above the device integrity requirements. For a specific requirement, Polybond CGP 85 guarantee the same level of patient safety at a lower cost.



APPLICATION

POLYBOND CGP 85gsm has been designed for sealing to PETG rigid blisters manufactured on form fill seal packaging lines.

POLYBOND™ CGP 85 gsm / 52 lb	
Coating	5 gsm / Grid patterned coating
Type of rigid film	PETG
Preferred Sealing settings Form Fill Seal and Shuttle Tray Sealer	Temperature: 120-140 °C - Time: 1.5-2.5s
Ability for aseptic opening	● ● ● ● ●
Typical Sealing Strength free tail (N/15mm)	3.00 - 4.00
Overall Mechanical Performance	● ● ● ● ○
Biobased content	70%
Compostability	78%

Seminars & training

STERIMED has created the « Shared, a Sterimed Experience » program to create an opportunity to share knowledge of medical device packaging and hospital sterilization with our customers. We aim to create a sustainable and durable relationship with our community, and through seminars, webinars, information and experience sharing, we improve patients' safety together.

www.sharedbysterimed.com



Compliance: Our products comply with strict regulations and standards, ensuring maximum protection for patients and hospital staff: ISO 11607-1:2019

Safety for your medical devices

100% dedicated healthcare premises

- Quality management system developed for healthcare packaging operations
- Staff education and mindset purely focused on medical device industry requirements
- Minimized risk of cross-contamination thanks to fully specialized healthcare production sites
- ISO 13485 certified production sites

Integrated operations for the best possible value propositions based on your packaging needs.



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