



BiessSse Tape Solutions

The Tape division of the **BiessSse® group** specializes in the design and production of adhesive tapes for the global market, ideal for the most complex industrial applications.

Thanks to a deep knowledge of materials and the use of the most advanced production technologies, **BiessSse®** creates high-performance products, designed for industrial sectors with high tech and innovative content.

A team of specialized chemists works every day to develop customized adhesive tapes, with different degrees of adhesion, cohesion and wettability, to meet the specific needs of each customer.

The consolidated experience in the sector and the high technical expertise of the Research and Development team, combined with a wide range of supports, liners and adhesives, allow us to offer customized solutions, accompanying the customer in all phases: from design to development, up to experimentation and application.



Process innovation through:

Tape solutions

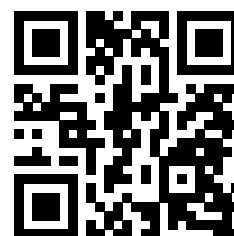
Highly performing technical adhesive tapes for the most challenging industrial applications

Equipment solutions

Cutting-edge proprietary equipment for adhesive tapes applications

Software solutions

Multiplatform, user-friendly software supporting industrial automation



www.biesSseworld.com

BSFIRM200SEAL EN 00_04/25



 **Rigid adhesive tapes**

BIESSSE
BS SEAL 200



NEW

BS SEAL 200

It is the most advanced solution in the process of laminating the plate to the polyester support for printing in the corrugated cardboard sector. Designed to satisfy reprohouses that adopt the highest standards.

BS FIRM 200 SEAL introduces a new protagonist in the processes of Pre-press; it is a high-end, innovative and performing product.

Distinctive features

- **Innovative surface structure:** The liner has been specially designed to imprint an irregular pattern on the adhesive, optimising air distribution, reducing the risk of air bubbles and ensuring uniform adhesion over a large contact area.
- **Solvent Resistant:** a specially formulated adhesive that combines maximum adhesion and resistance to solvents used in washing the plates, ensuring maximum versatility.
- **Advanced Protection:** The name “SEAL” reflects the product’s ability to seal, creating an effective barrier against external agents, preventing infiltration of inks and solvents, improving the final yield and optimising the workflow.

Use and Benefits

- **Perfect for repro houses:** Simplifies plate mounting, improving precision and productivity.
- **Versatile:** It easily adapts to the process chosen by the customer. It can also be used for application before the solvent washing cycle and drying of the plate, thanks to its composition of adhesive and PET support.
- **Product resistance**

BS SEAL 200

The Research and Development department of BiesSse has developed a product characterized by:

- a PET support
- a polypropylene (PP) liner
- a unique adhesive resistant to solvents, UV rays and high temperatures

Below are the characteristics of two solvents often used in the washing phases with which the photopolymers remain in contact for about 20 minutes.

Solvent	Flexosol	Fotoras	Boiling point°C*
Decaidronaftene	-	33-37	185-195
2-Etil Esil Acetato	30-50	-	199
Idrocarburi C10-13	30-50	48-52	186-214
Alcool Benzilico	10-20	9 -11	205
Alcool 2-Etil Esilico	3-5	4-6	184

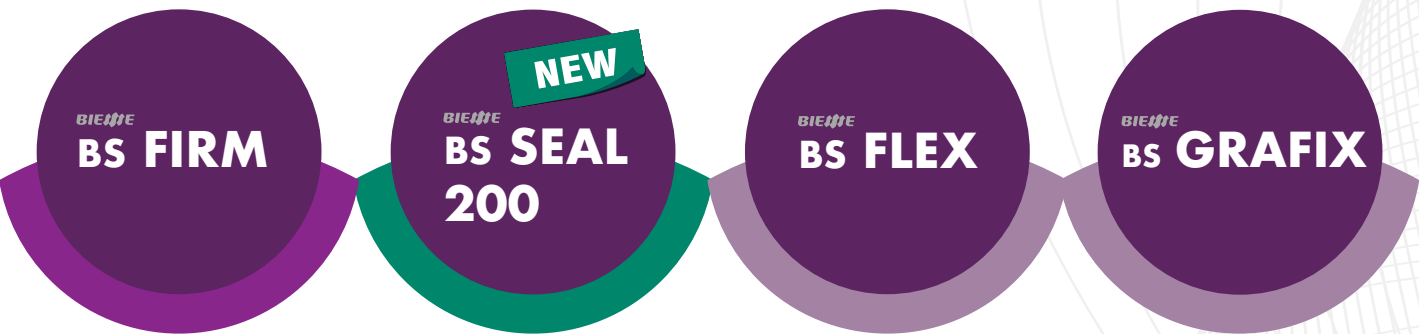
* Boiling point

BiesSse’s R&D department for BS FIRM 200 SEAL has produced an adhesive resistant to these solvents

▲ **Note:** The product must be applied using a laminator to ensure a superior result.



Rigid adhesive tapes available ranges



The steps in the transformation of the plate into a photopolymer

