

Bayfol® LR 5902

Low-temperature reactive adhesive film –
providing professional bonding solutions.





High-performance structural bonding

Bayfol® LR 5902 is a latent reactive adhesive film that offers exceptional bonding capabilities across diverse applications while maintaining efficiency and reliability.

- Excellent adhesion strength across a variety of board materials
- Fast curing with long-lasting durability
- Excellent resistance to chemicals, aging, and hydrolysis
- Low processing temperature and short processing time
- Ability to bond complex designs (curved/irregular shapes)
- Minimal glue overflow and small thickness deviation

These properties make it a convenient and efficient adhesive solution for demanding applications.



Possible applications

The heat-activated adhesive film delivers exceptional performance across multiple high-demand environments including smartphones, tablets, and related accessories. This specialized reactive adhesive film excels particularly when working with different and/or sensitive composite materials such as synthetic leather, glass, carbon fiber and electronic components.



Product details

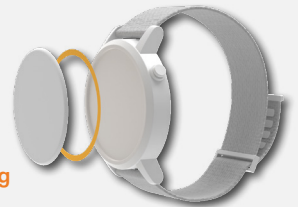
Grade	Bayfol® LR 5902
Color	Natural or black / other options on request
Weight per unit area	55g/m ² or 85g/m ² / other options on request
Width	1350mm / other options on request
Release liner	Silicone paper / other options on request

Bayfol® LR 5902 is dry, i.e. non-tacky at room temperature, solvent-free, and forms cross-linked bonds after heat-activation. The recommended processing temperature is above 90 °C (194 °F). The resulting chemical bonding is permanent and irreversible, creating an extremely durable connection that not only withstands low and high temperatures and aggressive chemicals, but is also resistant to decomposition and hydrolysis.

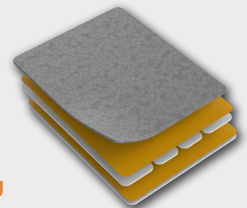
Back cover bonding



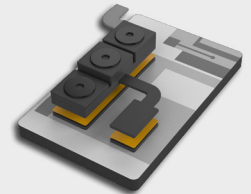
Watch glass bonding



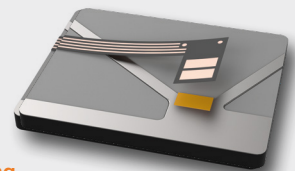
Fabric/leather material and accessory bonding



Electronic component bonding



Flexible printed circuit (FPC) bonding



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