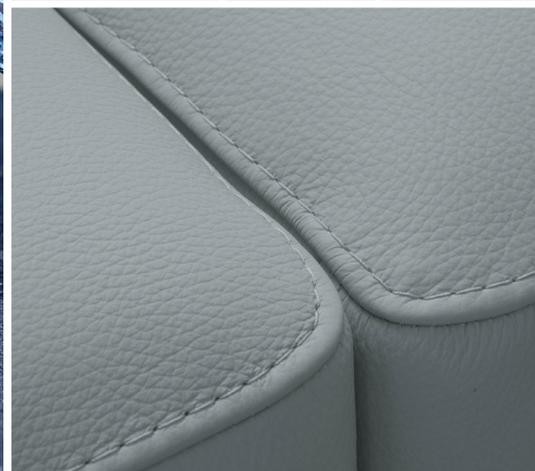




Address Your Textile Lamination Goals

WITH BOSTIK'S INNOVATIVE ADHESIVE SOLUTIONS



Your Ideal Lamination Adhesive Partner

For over 130 years, Bostik, an Arkema company, has been a leading global adhesive specialist, improving product performance overall while enhancing manufacturing processes' safety, efficiency and sustainability across industrial markets. Additionally, our global R&D network, comprised of four international Smart Technology centers and 11 regional centers, enables us to work closely with customers as their innovations expand to address our evolving world.



ONE-STOP-SHOP GLOBAL SOLUTION PROVIDER

As the only adhesive supplier to offer all lamination adhesive technologies, we are able to provide you with the right solution whenever you want it and wherever you need it. We can offer you:

- An unequalled product portfolio for all soft lamination adhesives
- Strong understanding of your needs and how to address them
- Enhanced supply chain in all regions for easily accessible products



Addressing Your Application Needs

Textile lamination crosses many different industries, which means your adhesives must address many application needs and goals. That's why our adhesives are designed with your needs in mind.



VERSATILITY

Every textile lamination application requires different specifications. Our broad adhesive portfolio can address your needs for a wide range of projects while also improving durability for enhanced product performance.



EFFICIENCY

Our high-quality adhesives make it easy to maintain speed, safety and quality during and after production. Compatible with most production equipment, our products ensure that you won't need to adapt your process to switch adhesives.



SUSTAINABILITY

We understand that you want to reduce your products' environmental footprint and maintain compliance with regulations. Our adhesives can enable you to lower your impact and meet important safety and quality standards.



Finding Your **Ideal Technology**

To find the best solution for your needs, it's important to understand the different adhesive technology capabilities and the requirements they can address. Consider these items when selecting your textile lamination adhesive technology:

POWDER, WEB AND FILM ADHESIVES

By converting our hot melt pellets into webs, films or powders, our solutions are able to adapt to your specific process and product needs, offering:

- **Strengthened efficiency:** Ideal for a wide range of applications in automotive, apparel and building insulation materials, our converted hot melts offer short set-up time and automation opportunities to reduce manufacturing steps.



PRO TIP:

It's important to find the right combination of pressure, time and temperature when dealing with hot melts. Work with your adhesive technical support team to address this.

HOT MELT ADHESIVES

These thermoplastic materials are used in a hot state, set quickly when cooling, and are compatible with a variety of processes. Ideal for lamination or bonding, they offer:

- **Enhanced versatility:** Our hot melts are compatible with many substrates, application methods and specifications for durable goods industries, including automotive, insulation and mattress manufacturing.



PRO TIP:

Pressure sensitive hot melt adhesives (PSAs) are self-tacking with a high resistance to shear and peel. When using these adhesives, keep in mind that their high tack properties make them great for peel and stick applications.



REACTIVE HOT MELT ADHESIVES

Our reactive hot melt polyurethanes (HMPURs) are applied at temperature and cure with moisture, creating a thermoset bond. This offers:

- **Enhanced environmental resistance:** Ideal for demanding applications like sportswear, medical and protective wear, these solutions possess increased resistance to washing and harsh environments and adhere to adhesion to difficult substrates.



PRO TIP:

When using HMPURs, consider applying them via dot lamination to provide textiles with optimal breathability and soft-hand feel.

LIQUID ADHESIVES

Our liquid adhesives can be water-based, solvent-based or reactive polyurethanes and offer:

- **Streamlined operations:** These solutions can be easily applied at room temperature and are fast curing. They are ideal for deep penetration into fibrous textiles, enhancing bond strength.



PRO TIP:

Consider liquid adhesives for textile lamination projects that require sensitive or difficult substrates, such as leather and technical textiles.

Providing Product and Equipment Compatibility

Our products are compatible with several application methods to best suit your needs:

APPLICATION METHOD	LIQUID	REACTIVE HOT MELTS	HOT MELTS	CONVERTED HOT MELTS		
				POWDER	WEB	FILM
Slot Nozzle	X	X	X			
Knife Coating	X	X	X	X		
Spray Nozzle	X	X	X			
Gravure Roller	X	X	X			
Rotary/ Screen Print		X	X	X		
Scattering				X		
Flat Bed/ Drum Calendar				X	X	X
IR Oven Preheat				X	X	X
High Frequency/ Ultrasonic/ Thermal Welding					X	X

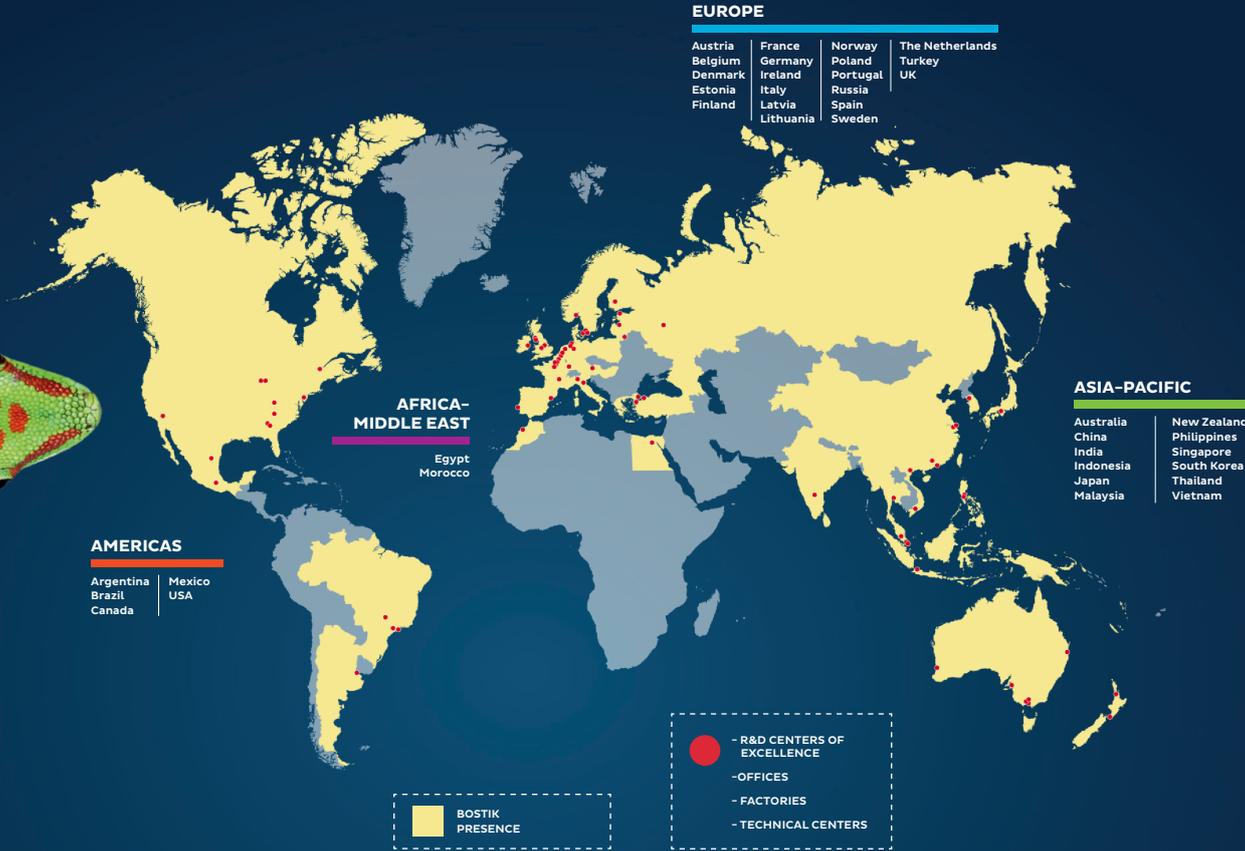


Let's Partner Together

Want to get started with a soft lamination project, and discuss your adhesive needs?

Contact a Bostik representative to work together and find the right solution for you.





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