



Appliances

ADHESIVE AND SEALANT SOLUTIONS FOR HOME APPLIANCES





ADHESIVE APPLICATION GUIDE

| | Kizen® | Thermogrip® | Butyl | HM PSA | HM PU | SMP | HM PA |
|-----------------------------|--------|-------------|-------|--------|-------|-----|-------|
| Cabinet / Door Seam Sealing | X | X | | | | | |
| Gasketing | | X | | | | | |
| Hole Sealing | X | X | X | | | | |
| Coil Bonding | | | X | | | | |
| Insulated Glazing | | | X | | | | |
| VIP and Evaporator Bonding | | | | X | | | |
| Glass Bonding to Frame | | | | | X | X | |
| Electronics Protection | | | | | | | X |

HM PSA - Hot Melt Pressure Sensitive Adhesives

HM PU - Hot Melt Polyurethane

SMP - Silane Modified Polymers

HM PA - Hot Melt Polyamide





ADHESIVES SOLUTION PARTNER DRIVEN BY EXPERTISE

Bostik's extensive history in the appliance industry is built on our team's strong application knowledge, which enables us to understand customers' unique performance and processability requirements.

To meet your many bonding and sealing needs, we offer a range of smart technologies for appliance assembly applications, such as door seam sealing, cooling coil and glass bonding.

WORLD LEADER IN SMART ADHESIVES

- We innovate with our customers through a global R&D network, comprising three international Smart Technology Centers and 11 regional centers.
- With a presence in over 40 countries, Bostik's global network, backed by Arkema's expertise, is uniquely positioned to meet customer needs.
- Bostik's unparalleled technical support allows us to work closely with customers and anticipate future needs to come.

VERSATILITY, ADAPTABILITY AND SUSTAINABILITY

- Bostik's broad technology portfolio, which includes hot melt, butyl and reactive adhesives, offers versatility and adaptability for a variety of application needs.
- Our technologies make your products lighter, safer and more durable. However, this expertise goes beyond developing high-performing, multi-purpose adhesives. Bostik improves your production processes with time and cost-saving solutions, making your operations more efficient, competitive and sustainable.
- Take a greener approach to bonding. At Bostik, we are dedicated to offering durable and sustainable solutions that are free of VOCs and isocyanates.

SMART BENEFITS



**Marketable
benefits** to
consumers



**Process
improvements**



**Sustainable
and innovative
package**



APPLIANCE ASSEMBLY APPLICATIONS

Adhesive solutions from top-to-bottom, inside-out.



Cooling coil bonding



Door assembly



Hole sealing



Steam generator bonding



Control panel bonding



Evaporator bonding



Panel bonding



Vacuum insulated panel bonding



Counter-weight bonding



Glass bonding



Seam sealing & gasketing

DOOR AND CABINET SEAM SEALING

Seam sealing helps avoid insulation leaks that can occur during the assembly process. To create a strong seal and lasting coverage, Bostik manufactures foamable block copolymer hot melt adhesives for application in the bends and corners.



Foamed Hot Melt Bead
0.5 g/cm³

BOSTIK'S SOLUTION FOR SEAM SEALING

- Our hot melt adhesives are applied with nitrogen to hermetically seal gaps and keep insulation foam from leaking out.
- This process reduces the taping of corners and gaps, drastically reducing a facility's waste production.
- With both manual and automatic application methods, these products are designed to transfer seamlessly into your existing processes.

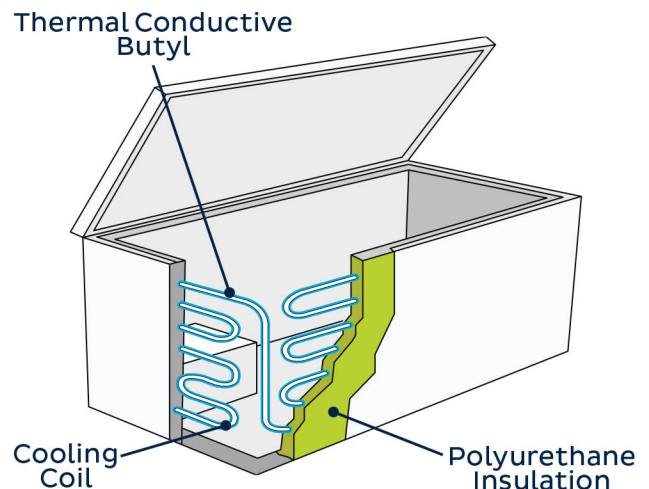
COOLING COIL BONDING

To meet new energy savings classifications, refrigerators and freezers must offer good thermal efficiency. As a result, the bond between the cooling coil and cabinet is critical. To address this, Bostik manufactures butyl adhesives that are applied directly to the coil, ensuring superior thermal conductivity.

BOSTIK'S SOLUTION FOR COOLING COIL BONDING

- In addition to offering superior thermal conductivity, Bostik's butyl adhesives are extremely versatile and can be either cold or hot applied as well as manually or automatically dispensed.
- Because our conductive butyls have high tack and green strength, less material is needed for bonding the coil to the cabinet, and the need for tape is eliminated.

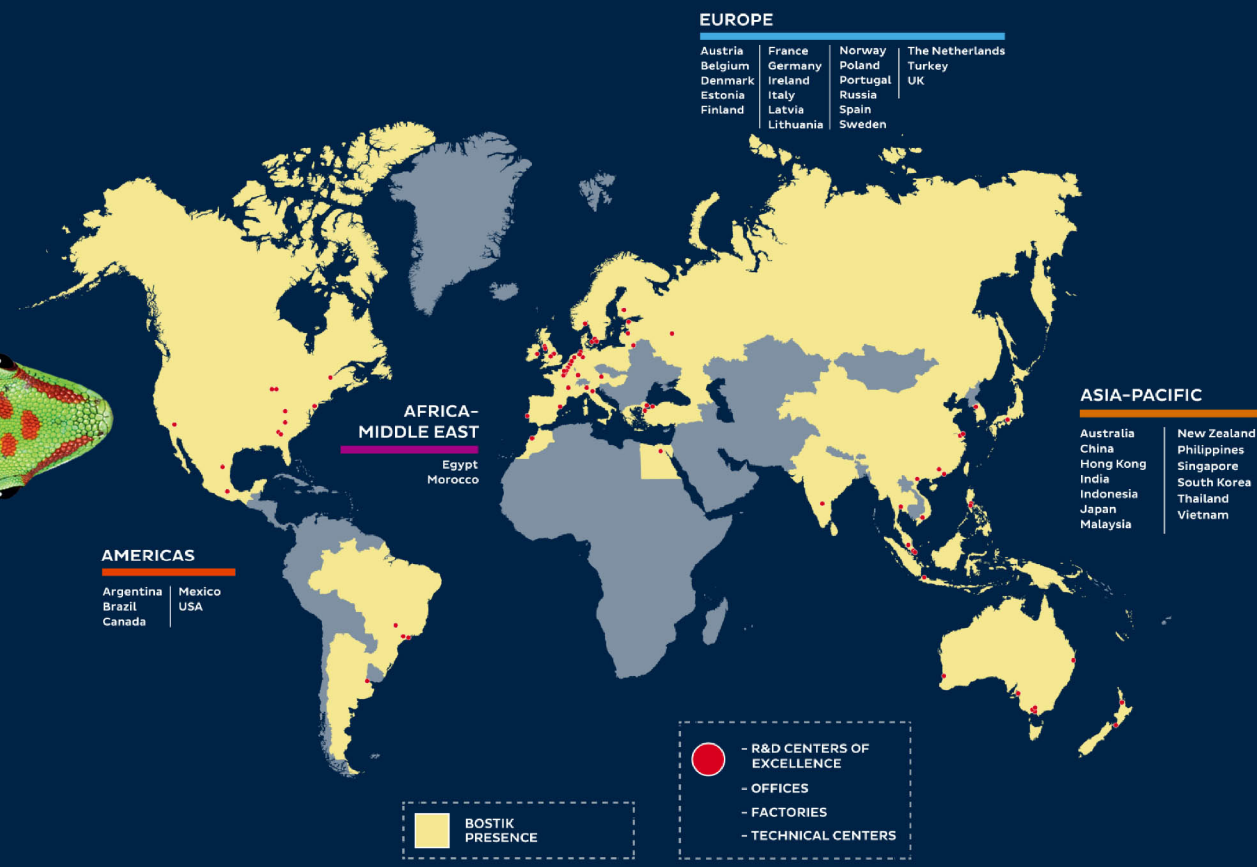
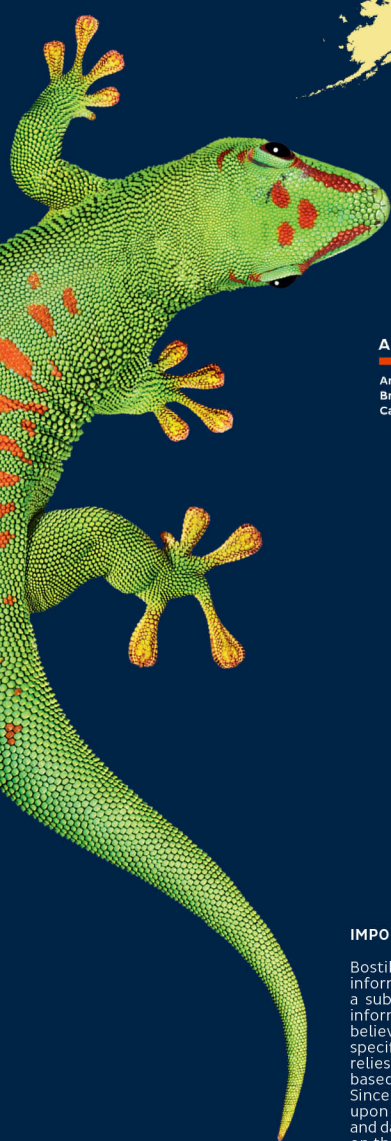
- Our adhesives are packaged in a smart Bostik system that uses a removable silicone base sheet and yields zero waste during drum changeover.



GLASS BONDING

Glass refrigerator doors are becoming popular around the world, which means that strong glass bonding is necessary to maintain performance. Bostik's proven SMP and hot melt PU technologies can be automatically

applied and provide excellent, long term bonds. With our environmentally friendly solutions, you get faster production and increased durability.



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