

Collano®



Smart bonding.

Coloured or safe?  
Both and more.



# More know-how, more service, more performance.

Collano has decades of experience in the development of innovative specialty adhesives for a wide range of industrial and commercial applications. Competent experts guarantee sound advice and let you benefit from our in-depth knowledge and experience. More service and more performance give you genuine added value and offer you the assurance of having the optimized solution for every given application.

**Collano provides safety with a system. We develop adhesive systems that not merely bond materials but also focus on additional functions: protection against contamination, tampering and counterfeiting. Or identification, information and clarification.**

#### **The label is being reinvented.**

It assumes safety functions. Protects against theft, manipulation, forgery, counterfeiting. It transports visible and invisible data, becomes itself invisible, and may even become active: it transmits signals, communicates with devices, leaves electronic marks, gives alarm. The label turns into a high-tech system in which Collano adhesives play a role that far exceeds mere bonding.

#### **Instant adhesion at deep-freezer temperatures.**

It failed to function with absolute reliability for a long time, but now it's reality. Thanks to a newly developed adhesive, labels remain durably bonded even at very low temperatures. The labels and the adhesive are food-compatible and can be in direct or indirect contact with the frozen product.

#### **Continuous innovation.**

Adhesives for high performance tapes are one of Collano's specialties. Self-adhesive, permanent or removable, adhesive tapes for transportation or electronics applications, for all types of insulation or for vibration damping, for temporary road markings and flame retardant applications. Using new formulation techniques, Collano develops the appropriate performance characteristics for specific requirements: in sealing devices, hook-and-loop tapes, in vehicle engineering, in aircraft.

#### **Ecology without a performance trade-off.**

It's an old prejudice that environmental friendliness compromises performance. Collano produces ecological hot melt adhesives from sustainable raw materials. They have the same properties as conventional hot melts: the same performance with an excellent ecobalance!



Collano makes packaging resealable: for products such as wet wipes for cosmetics, cleaning and baby care.



Collano adhesives indicate tampering attempts using heat, cold or chemicals and provide optimized protection against theft.



Flame-retardant, multifunctional: Collano adhesive tapes for more comfort and safety in aircraft.

### **Innovation to stop unauthorized interference.**

When the aim is the protection of credit cards, documents and data or when it comes to security bag closures, Collano plays all the trump cards in adhesives technology. Collano adhesives for «void systems» make tampering self-evident. Because the adhesives are resistant to heat, cold, and chemicals, they offer optimized protection against tampering and theft.

### **Credit and smart cards: security and more.**

Credit and smart cards come in a bewildering array with mirror, glossy or matt finishes, with magnetic stripes or implanted chips, with printed and embossed security features. The adhesive used for the micromodule implantation processes must be compatible with all these property combinations. The plates can be made of PVC, polycarbonate, or other polymers, and the adhesive must perform reliably in all conceivable situations. Card substrates frequently change, and new materials are discovered time and again. Moreover, many substrates repel adhesives so the bonding systems have to be continuously refined and systematically adjusted. After all, cards must address a broad set of requirements: good lay-flat property, high surface quality, conductivity, flexibility and stability under daily handling conditions. The selection of the adhesive is a decisive factor as regards the quality and longevity of a card.

### **New objectives, new paths.**

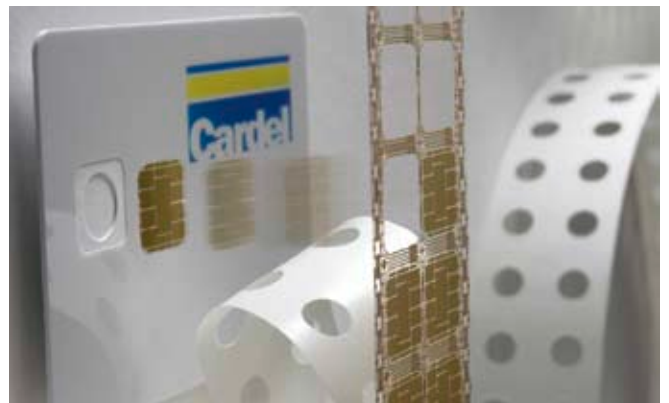
Collano works with sustainable adhesives technologies that make it possible to break new ground: with water-based dispersions, rubber-based hotmelt adhesives, UV-curable acrylic hotmelts, thermoplastic adhesive films and reactive systems. This results in adhesive systems that fulfill a great variety of special functions and optimize not only the products but also the production processes.

Do not hesitate to contact us if you wish to learn more about the potential of adhesive systems. We look forward to sharing fresh ideas with you.

Collano – Your partner for smart bonding.



Patient medication without risk of confusion: Collano adhesive systems for blister packs.



Adhesives must be continuously modified because credit card manufacturers repeatedly introduce new materials: Collano for security and longevity.

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