



**ARDEASEAL® stoppers of excellence:
the best seal to ensure the quality of wines**

ArdeaSeal technology: an innovative core

The idea of a new seal concept, a stopper for traditional glass bottled wine, came along in 1999 from a division of the Guala Group. ArdeaSeal is the result of an accurate project, an in-depth study of materials, avant-garde manufacturing process and testing procedures.

A seal made up of different components produced with highly technological synthetic materials.

One of these components is the core, which is designed to grant the same performance as the best traditional corks and maintain all the characteristics as long as the wine requires.

Control the “Uncontrollable”

Since the beginning of the project we realized that it was necessary to design a closure that would enable to closely monitor a phenomenon deemed "uncontrollable" by all the professionals of the winemaking industry, the permeability to oxygen, main cause of the differences in the quality of wines of the same batch. The first conclusion was clear: "It was not possible to make a closure made of a single piece that could guarantee the expected properties!"

That is:

- total chemical inertia
- guarantee of permeability and uniformity of product in time
- perfect adaptation to the neck of the existing bottle
- an opening as easy as that of the cork
- an innovative design capable to add value to the product

ArdeaSeal®: a unique stopper

This stopper is:

- unique for the quantity of technology and innovation employed for its realization, including that developed by the Massachusetts Institute of Technology (MIT) in Boston, related to the expansion of the thermoplastic elastomer of the body
- unique for its “concept” based on three components: a chassis, a shield and a body
- unique for the quantity of tests performed
- unique for the excellent results obtained on the wine conservation
- unique for its production process for which it has been necessary to write a new quality protocol
- unique because the performance of the stopper and the uniformity over time are guaranteed by an industrial production process fully automated and controlled
- unique because its insertion is simplified by an aeronautic alloy cylinder that replaces the traditional system of compression jaws which, if not properly revised, can damage the stopper compromising its performance
- unique for its innovative and modern design capable to add value to the product





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The closure and its three components

The chassis

The chassis is the core, the structural component of ArdeaSeal closure. It is a stiff support and containment element realized in high rigidity technopolymer through injection molding process. It is protected by international patents. Thanks to its design it facilitates the insertion of the cork-screw, which is guided

The Shield

The only component that comes in contact with the wine, designed ad hoc to allow the use of the best available technopolymer in terms of absence of chemical interactions. This component is produced through injection molding process.

The Body

The body is the soft part which, thanks to the interference with the internal surface of the bottle neck, will guarantee with regularity and uniformity the sealing properties of the closure. The material used is a thermoplastic elastomer and the process technology is injection overmolding assisted by foaming realized through specific agents.

The ArdeaSeal® brand, owned by Coro Développement Srl which is part of the Coro Entreprise Group, is present on the market with the production and distribution of a highly innovative and technological stopper mainly targeting high quality wines. The company has always invested in research and development to obtain an avant-garde product to guarantee in time the quality and characteristics of the wine. New projects are being developed in order to widen the range of products.

Following the commercial strategy, the region that immediately adopted ArdeaSeal is Burgundy which is today our main market. Our closure is used and appreciated by wineries in the main wine areas in Italy, Spain and all the way to Australia and Japan.

For more information:



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