



**MASILVA**  
WEARECORK

## SILKTOP®

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**Silktop® technical stoppers, commonly known as 1+1, consist of an agglomerate body made up of cork granules, with a natural cork disk on each end.**

This product comprises a natural cork face for both the wine and for the consumer while its properties are similar to those of natural cork.

There is a consistent sealing, as well as the insertion and the performance of the removal force, TCA results and other sub-sensory aromas combined with a top-level visual appearance.

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## SILKTOP®

### APPLICATIONS

Silktop® stoppers are mainly manufactured for medium-class wines, which could benefit from short-term aging (three to four years). This is a technically advanced product, properly sealing bottles containing wine of considerable value. Only food-grade glues are used.

### SIZES, QUALITIES AND WASHING

Silktop® stoppers come in 39x23,5mm and 44x23,5mm. The classes of Silktop® stoppers are divided into Noble®, Appeal® and Pop®, in decreasing order of quality.

### DURABILITY

Silktops® stoppers are recommended for wines that will be enjoyed within 3 to 4 years.

### TECHNICAL SPECIFICATIONS

#### DIMENSIONS

Length: Nominal ± 0.5 mm

Diameter: Nominal ± 0.3 mm

#### PHYSICAL

Moisture: 4% - 8% humidity

Dimensional Recovery: > 96%

Density: Nominal ± 40 Kg/m<sup>3</sup>

Resistance to boiling water: no disintegration

#### FUNCTIONAL

Stopper extraction forces: 30 +/- 10 daN

(coated stoppers only)

Sealing capacity: no leaks at 1,5 bar

Capillarity: <1 mm

Torsion: ≥ 35°

Shear stress: ≥ 6 daN/cm<sup>2</sup>

#### STORAGE

Use no later than: 6 months (coated stoppers only)

Moisture in storage: 40% - 70% RH, non condensing


Storage temperature: 15°C - 20°C, 59°F - 68°F

Location: Store the stoppers in a clean, well-ventilated, odor-free place, and kept away from products containing chlorine.





## PRODUCTION FLOW

### RAW MATERIAL


 CORK OAK TREES STRIPPING  
Cork planks stripping from cork oak trees


 TCA CONTROL BY GC/MS

 YARD STABILIZATION  
Storage of the planks from 6 to 9 months in a concrete floor


 BOILING | DYNAVOX® SYSTEM  
Planks sterilization and disinfection through vaporized pressure system

 TCA CONTROL BY GC/MS


 STABILIZATION AFTER BOILING  
Stabilization period after vaporization

 CORK PLANKS SORTING FOR PRODUCTIONS  
First planks sorting for production


### PRODUCTION

 STERILIZATION | SARA® SYSTEM  
Cork granules vaporization and sterilization process


 TCA CONTROL BY GC/MS

 AGLOMERATION  
Agglomerated bodies production process

 TCA CONTROL BY GC/MS


 DISC PRODUCTION  
Thin cork punching for discs

 TCA CONTROL BY GC/MS


 GLUING  
Assembly of agglomerated bodies and discs with grade glue


 TCA CONTROL BY GC/MS

 DIMENSIONS RECTIFICATION  
Strict rectification of corks dimensions


 WASHING | MASZONE® SYSTEM  
Washing and Sterilization

 TCA CONTROL BY GC/MS


 DRYING  
Final moisture definition level

 SORTING  
Cork sorting in visual grades

 PRINTING  
Cork printing personalization

 FINAL TREATMENT  
Bottling easiness

 TCA CONTROL BY GC/MS

 PACKAGING  
According to the specifications