

# NEUTROCORK® PREMIUM

—

*The Neutrocork® Premium stopper is the most recent evolution of the Neutrocork® stopper. It guarantees perfect performance of wines stored for up to 36 months in the bottle. This latest generation stopper uses the patented ROSA High Tech® steam sterilisation system, which is an evolution of the previous ROSA® treatment system. This latest system provides even deeper sterilisation in the cellular structure of cork, eliminating the invasive volatile substances that may potentially be present and maintaining the natural characteristics of cork unchanged, even with micro-granulated products. There is no need to insert any plastic expansion substance.*

—



## SPECIFICATIONS

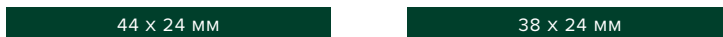
TESTS	CHARACTERISTICS	SPECIFICATIONS
PHYSICAL — MECHANICAL	LENGTH (l)	$l \pm 1,0$ mm
	DIAMETER (d)	$d \pm 0,4$ mm
	OVALISATION	$\leq 0,3$ mm
	MOISTURE	4% — 9%
	SPECIFIC WEIGHT	240 — 320 Kg/m <sup>3</sup>
	EXTRACTION FORCE	20 — 40 daN
CHEMICAL	PEROXIDE CONTENT	$\leq 0,1$ mg/stopper
	DUST CONTENT	$\leq 3$ mg/stopper
SPME GC/MS/ECD	2,4,6-TRICHLOROANISOL (TCA)	$\leq 0,5$ ng/L*
OTR (OXYGEN TRANSFER RATE)	12 MONTHS	1,08 mg of O <sub>2</sub>
	24 MONTHS	1,13 mg of O <sub>2</sub>
	36 MONTHS	1,16 mg of O <sub>2</sub>

\* Average value and according to the method defined in the ISO 20752 standard

## PRODUCTION FLOWCHART



## STANDARD DIMENSIONS



## FOOD STANDARDS

All Amorim & Irmãos, S.A. products comply with existing regulations and legislation (European and FDA — Food and Drug Administration) for products in contact with food.



U.I. Amorim Distribuição  
U.I. Amorim Distribuição  
U.I. PIK  
U.I. Champcork  
U.I. Top Series  
U.I. Equipar  
U.I. De Sousa

VERSION 03/2016 www.amorimcork.com | marketing.ai@amorim.com

## RECOMMENDATIONS TO THE USERS

### SELECTION AND STORAGE OF CORK STOPPERS

Amorim can calculate the required cork diameter by studying the internal profile of the bottleneck, the characteristics of the wine and the corking conditions.

Order your cork stoppers for immediate use. These cork stoppers should be used within six months of the date of manufacture if the storage conditions are respected.

Store the cork stoppers in their original packages, in a well-ventilated room with controlled temperature between 15°C and 25°C and 50% to 70% humidity.

Do not leave boxes and/or bags open with surplus cork stoppers.

### CORKING CONDITIONS

Ensure any dust is removed before corking.

Ensure the cork is compressed smoothly, to a diameter no less than 15,5 mm.

Ensure insertion of the cork is as quick as possible.

For standard bottlenecks, the cork should be inserted to 1 mm below the top of the neck.

Minimise moisture on the inside of the bottleneck.

Headspace should be at least 15 mm at 20°C.

Don't leave the cork stoppers in the feeder as to avoid dust.

Always use stoppers with a surface treatment suitable for the type of beverage, bottling process and selected bottle.

A vacuum must be created in order to prevent internal pressures.

### EQUIPMENT MAINTENANCE

Maintain the corker jaws free of nicks and signs of wear.

Ensure proper alignment of plunger and location ring.

Ensure corking machine operates smoothly, especially during compression.

Clean all cork-handling surfaces regularly with chlorine-free products.

Ensure the equipment is suited to the cork and bottle used.

### STORAGE AND TRANSPORT OF WINE

After bottling, the bottles should be kept in an upright position for at least 10 minutes.

Ideal bottle storage conditions are 12°-18°C at 50-70% humidity.

Keep the wine cellar free of insects.

Bottles should be transported in an upright position.

The product must not be stored in a location exposed to sunlight, heated environment and in direct contact with the ground.

Please always check the most updated version of the technical sheet of the product you are using as the manufacturer reserves its right to implement product changes without prior notice.