

Technical Sheet

NEO PRESTIGE® Cork Stoppers



M·A·SILVA
Premium Cork Stoppers



NEO® cork stoppers are technical cork stoppers, produced using granules sterilised by one of M.A.SILVA's most innovative and revolutionary technologies - NEOTECH®.

This technology allows improving the performance and properties of cork's natural characteristics, in addition to guaranteeing the elimination of TCA. M.A.SILVA's portfolio has different cork stoppers subjected to this technology, with different technical specifications.

TECHNOLOGIES



DYNVOX®

Raw material sterilization
and vaporization



NEOTECH®

Sterilisation and vaporisation
of granules



MASZONE®

Elimination
of microorganisms



The mark of
responsible forestry
Products are available
as FSC® certified on
request

We can supply FSC® certified products (FSC – C009204) upon request.

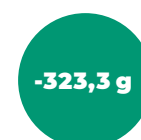
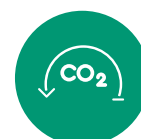
SUSTAINABILITY

ALL FOR THE ENVIRONMENT

Our actions are proven through the quality of our cork stoppers, the partnerships we build, the figures we present and our contribution to an increasingly greener world.

NEGATIVE CARBON FOOTPRINT

Study carried out by KPMG according to the Group's strategic sustainability axis.



NEO PRESTIGE®

Cork Stoppers

TECHNICAL SPECIFICATIONS

PHYSICAL-MECHANICAL		PHYSICAL-CHEMICAL	
Lenght	X ± 0,5 mm	Stopper Extraction Forces	15daN<Fe<45daN
Diameter	X ± 0,3 mm	OIR - OTR ⁽¹⁾	OIR 6 months – 0,91 mg
Dimensional Recovery	> 96%		OTR 12 months – 1,02 mg
Moisture	3% < HR < 7%		OTR Per year, after 12 months – 0,05 mg
Specific weight	+/- 40 kg/m3		⁽¹⁾ OIR - Oxygen Initial Release. OTR - Oxygen Transfer Rate. Results obtained by chemiluminescence with CETIE bottles.
Boiling water resistance	No disintegration		< 0,5 ng/L
Sealing capacity	No leaks at 2 bar (at 20°C)		⁽²⁾ Quantification limit of 0,5 ng/L. Analysis performed in accordance to ISO 20752.
Chamfer	2,5 mm	TCA ⁽²⁾	
Granules size	0,5 mm – 1 mm		
		PRODUCTION	
		Process	Moulding
		Branding	Ink, Laser and Fire
		STORAGE	
		Use no later than ⁽³⁾	6 months
			⁽³⁾ As a good practice, the product should be used according to the FIFO methodology and as soon as possible, keeping the bags closed.
		Moisture in storage	40% – 70% RH
		Storage temperature	15°C – 20°C 59°F – 68°F
		Storage place	Store the stoppers in a clean, well-ventilated and odor-free place, away from products containing chlorine.
STANDARD DIMENSIONS	38x24 mm 44x24 mm 47x24mm 49x24 mm		

PRODUCTION FLOW

