



Vasto Plant - Catalogue

Products



Stoppers

- Standard Chloro Bromo-Butyl
- Lyo Chloro Bromo-Butyl



Flip-Top Closures

- Central Tear-Off
- Total Tear-Off



Aluminium Closures

- Central Tear-Off



ROPP

- ROPP Closures

Vasto Plant Certificates

Manufacturing practices

ISO 15378 and ISO 9001 production environment

Full product traceability

Active protection systems against particles contamination

Continuous Quality improvement approach

Quality and Environment management system

GMP training of personnel

ISO 9001 and ISO 15378 certifications

ISO 14001 Environmental management systems

Regulatory support

Compliance with European Pharmacopeia
and international product guidelines

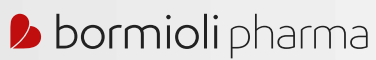
DMF available upon request for US and Canada for F.O. Caps.

DMF number 034177 for Chlorobutyl Rubber Stoppers

The Bormioli Pharma Group

Bormioli Pharma operates in close partnership with the pharmaceutical industry and all the businesses involved in engineering the future of healthcare. As a world-renowned player in the packaging industry, every year the Group produces more than 6.5 billion pieces, reaching over 100 countries globally. Every single glass and plastic container, closure, and packaging accessory is a unique combination of cutting-edge technology, extreme testing, advanced industrial processes, and the finest materials.

Vasto manufacturing site is one of the eight European productive plants of Bormioli Pharma Group and contributes to the overall production with high-quality aluminum and rubber closures, thus securing the provision of complete packaging solutions to the most important pharmaceutical brands around the world. And, most of all, Vasto plant is committed to Bormioli Pharma main goal: improving people's lives.



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Stoppers (Standards)



We can offer a wide range of rubber stoppers for pharmaceutical applications. The rubber stoppers are of the highest quality level and are produced under secured and certified process conditions in accordance with the applicable guidelines. In the standard range, you will find the most common models of stoppers for injection vials and infusion vials.

These products are supplied at the highest quality levels, and may be provided in a RFS (Ready for Sterilization) or RTU (Ready to Use).

Stoppers are available in red and grey colour.

Stoppers (Standards)

Vial neck	Code	D	H1	H2
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13	PH603	7,50	2,10	7,30
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Vial neck	Code	D	H1	H2
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20	2_I	13,20	3,30	8,80
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Vial neck	Code	D	H1	H2
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28	PH606	20,60	3,40	10,80
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Vial neck	Code	D	H1	H2
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29	PH604	18,00	3,80	11,60
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Vial neck	Code	D	H1	H2
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32	PH607	23,60	4,00	12,20
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Stoppers (Lyo)



Our lyophilization stoppers are a high-quality primary packaging solution for lyophilization applications. The lyophilization stoppers are of the highest quality level and are produced under secured and certified process conditions in accordance with the applicable guidelines.

The stoppers are packed according to customer specifications and are available **RFS** (Ready for Sterilization) or **RTU** (Ready to Use).

Stoppers are available in red and grey colour.

Stoppers (Lyo)



Vial neck	Code	D	H1	H2
13	408Bis	7,50	2,00	9,90

Vial neck	Code	D	H1	H2
20	55Bis	13,50	3,20	13,80

— D. 13-20 Flip-Top Central Tear-Off Closures —



This range of closures is suitable for sealing single-dose and small bottles of medicine which are used with needle and are the most popular on the market. The closures are produced under controlled conditions. During the procedure, the closures are inspected using in-line inspection systems in order to guarantee an optimal product quality.

The single-dose packs or bottles are opened by removing off the plastic part, which reveals the underlying elastomer enabling the product to be extracted by a needle. The plastic part is removed by slipping it off or by breaking the bridges of the underlying aluminium cap. This gives the cap a high guarantee of safety because the seal breakage makes the product tamper-proof.

This range also includes Ann Twist Caps, which open easily by turning round the plastic part. They preserve the sterility (by exposing products to saturated steam at high temperatures 121°C) of the rubber stopper until the time of opening.

D. 13-20 Flip-Top Central Tear-Off Closures

Vial neck	Code	D	H1	H2	Note
13	PH571_1	13,30	7,60	6,50	

Vial neck	Code	D	H1	H2	Note
20	PH503_1	20,30	8,60	7,50	
20	PH505_1	20,30	9,00	7,50	With Edge
20	PH581_1	20,30	9,10	7,50	With Edge

Vial neck	Code	D	H1	H2	Note
20	PH567_1	20,30	9,40	7,50	6 Bridges

Vial neck	Code	D	H1	H2	Note
20	PH544	20,30	9,70	7,50	Small head

Vial neck	Code	D	H1	H2	Note
20	162	20,20	7,50	8,70	Ann Twist

— D. 28-32 Flip-Top Central Tear-Off Closures —



Closures are a crucial part of a vial system. The selection of an appropriate closures is critical to ensuring container closure integrity, drug protection, user convenience and safety. During the procedure, the closures are inspected using in-line inspection systems in order to guarantee an optimal product quality.

The single-dose packs or bottles are opened by removing off the plastic part, which reveals the underlying elastomer enabling the product to be extracted by a needle. The plastic part is removed by slipping it off or by breaking the bridges of the underlying aluminium cap. This gives the cap a high guarantee of safety because the seal breakage makes the product tamper-proof.

This range also includes Ann Twist Caps, which open easily by turning round the plastic part. They preserve the sterility (by exposing products to saturated steam at high temperatures 121°C) of the rubber stopper until the time of opening.

D. 28-32 Flip-Top Central Tear-Off Closures

Vial neck	Code	D	H1	H2
28	PH502	28,00	10,00	9,20

Vial neck	Code	D	H1	H2
28	PH522Bis	28,10	11,30	9,20

Vial neck	Code	D	H1	H2
29	196_1	29,70	10,75	9,40

Vial neck	Code	D	H1	H2
29	PH574Tris	29,30	11,50	9,20

Vial neck	Code	D	H1	H2
32	PH501	32,40	14,50	13,30

Vial neck	Code	D	H1	H2
32	PH525Bis	32,60	13,50	12,40
32	PH525Bis_2	32,60	13,70	12,60
32	PH525Tris	32,60	13,20	12,10

D. 20-29 Total Tear-Off Closures



This range of closures is suitable for drinkable and pourable single-dose products. The closures are produced under controlled conditions. During the procedure, the closures are inspected using in-line inspection systems in order to guarantee an optimal product quality.

Opening is made by removal of the plastic part, which reveals the entire neck finish of the bottle allowing the contents to be easily poured out. The closures are almost always provided with a liner that can be made of EPE available in different barrier films or rubber. Flip Top Total Tear-Off Closures are a guarantee of security because any attempt at opening irrevocably damages the cap, making it non-reusable.

A “Small Head” version is also available, in which the plastic part does not stick out aluminium.

D. 20-29 Total Tear-Off Closures

Vial neck	Code	D	H1	H2	Note
20	100Bis	20,20	8,70	7,00	

Vial neck	Code	D	H1	H2	Note
20	15991Bis	20,30	9,00	7,30	

Vial neck	Code	D	H1	H2	Note
20	PH531Bis	20,20	8,90	6,50	Small head with liner

Vial neck	Code	D	H1	H2	Note
20	PH504	20,20	8,90	8,90	PE Closures

Vial neck	Code	D	H1	H2	Note
29	PH536	29,30	10,90	9,80	With Ring opening System (2 pc) Total Tear-Off

— D. 13-32 Central Tear-Off Aluminium Closures —



We can offer a wide range of closures in aluminium for pharmaceutical packaging solutions for the crimp capping of rubber stoppers. Our range of closures characterises itself by an extremely wide range of colours. The closures are produced under controlled conditions. During the procedure, the closures are inspected using in-line inspection systems in order to guarantee an optimal product quality. One of them called the Lever Closure is suitable to preserve the sterility (by exposing products to saturated steam at high temperatures 121°C) of the rubber stopper. This range of closures is suitable for sealing single-dose and bottles of medicine which are used with needle and are the most popular on the market.

The center tab cap enhances the safety and tamper evidence of the sealed product by protecting the injection site of the stopper with a removable aluminum tab. This tab is removed by breakage of the bridges which attach it to the seal.

D. 13-32 Central Tear-Off Aluminium Closures

Vial neck	Code	D	H1	H2	Note
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13	PH555	13,40	6,50	6,50	
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Vial neck	Code	D	H1	H2	Note
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20	198Tris_2	20,30	7,50	7,50	
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Vial neck	Code	D	H1	H2	Note
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29	401	29,30	9,60	9,60	Level Caps 11mm bore
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Ropp Closures



This range of closures is suitable for drinkable and pourable multi-dose bottles, which need to be opened and closed several times. They are made from aluminium and can be also provided with a seal with different possible barrier films to preserve the product (versions with mastic or PVC free). During the procedure, the closures are inspected using in-line inspection systems in order to guarantee an optimal product quality.

Closures with diameters of 28x15 and 28x18 mm can also be supplied with accessories. The closures are available in white or gold color or can be customized with multicolor lithographic printing.

Ropp Closures

Vial neck	Code	D	H1	Note
28x15	C2815F3	28,30	15,30	8 bridges Flowed-in liner Punched Liner
28x15	C2815N5	28,30	15,30	8 bridges Flowed-in liner Punched Liner
28x15	C2815P3	28,30	15,30	10 bridges Flowed-in liner Punched Liner

Vial neck	Code	D	H1	Note
28x18	PH 582_P	28,00	18,20	8 bridges Flowed-in liner
28x18	PH 582_S	28,00	18,20	8 bridges with PE liner