



ESPECIFICAÇÃO DE PRODUTO

274500

DESCRIÇÃO

- BSPLST 0003L V VPULL/VPULL CRW
- BOLSA PLÁSTICA DE 3 LITROS, EM ESTRUTURA 'V' (BARREIRA: OXIGÊNIO E MECÂNICA) E CONJUNTO PLÁSTICO 'VPULL'.

ESTRUTURA

CAMADA EXTERNA

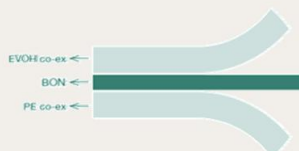
V | DSHD | DURASHIELD 114 μ
BON + EVOH

CAMADA INTERMEDIÁRIA

N/A
N/A

CAMADA INTERNA

N/A
N/A



N/A

N/A

• TAXA DE TRANSMISSÃO DE OXIGÊNIO: < 0,3

• TAXA DE TRANSMISSÃO DE OXIGÊNIO: N/A

• TAXA DE TRANSMISSÃO DE OXIGÊNIO: N/A

CONDIÇÕES TESTE: 23°C/90%UR PARA CAMADAS NÃO METALIZADAS, 23°C/0%UR PARA CAMADAS METALIZADAS (ASTM D 3985 02) - UNIDADE: cc/m2/dia

CONJUNTO PLÁSTICO

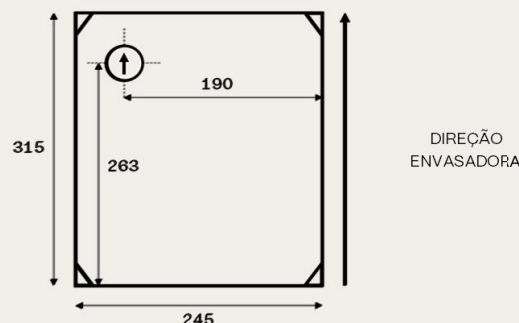


IMAGEM ILUSTRATIVA

- MODELO: VPULL
- MATERIAL BOCAL/TAMPA: LLDPE/PP
- TAXA DE TRANSMISSÃO DE OXIGÊNIO: < 0,079

CONDIÇÕES TESTE: 23°C/30%UR - UNIDADE: cc 100% O2/embalagem/dia

DIMENSÕES



- COMPRIMENTO: 315mm
- LARGURA: 245mm
- ORIENTAÇÃO CONJUNTO PLÁSTICO: 180°

TOLERÂNCIA DIMENSIONAL: ± 10 mm

ESTERILIZAÇÃO

• N/A

REQUISITOS DE EMENDA

• INSERÇÃO DE BOLSA PARA ENVASE: AUTOMÁTICA

RECOMENDAÇÕES ARMAZENAMENTO

- TEMPERATURA: 23°C $\pm$ 5°C
- UMIDADE: 50% $\pm$ 10%
- PERÍODO: 30 MESES

PERÍODOS DE VIDA ÚTIL VÁLIDOS A PARTIR DA DATA DE FABRICAÇÃO DA EMBALAGEM.

EMPACOTAMENTO

- BAGS POR CAIXA: 11.00un
- CAIXA: MB (0,98mX0,60mX0,70m)
- PALLET: HT (1,20mX1,00mX0,85m)
- CAIXAS POR PALLET: 2un
- BAGS POR PALLET: 2200un
- PESO BAG: 0,02kg
- PESO CAIXA: 26,34kg
- PESO PALLET: 66kg

TOLERÂNCIA PESOS: $\pm 15\%$

APLICAÇÕES

O BAG ESTÁ DESTINADO A SER UTILIZADO EM APLICAÇÕES COM ENVASE NÃO ASSÉPTICO, EM TEMPERATURA AMBIENTE, DE PRODUTOS LÍQUIDOS E PASTOSOS, NÃO CARBONATADOS E SEM ÁLCOOL. PARA A UTILIZAÇÃO DO BAG EM PRODUTOS QUE CONTENHAM ÁLCOOL, ÓLEOS OU SOLVENTES, ENTRE EM CONTATO COM UM REPRESENTANTE SIG.

PRODUTO EM ETAPA DE DESENVOLVIMENTO, PODEM HAVER ALTERAÇÕES.

CONFIDENCIAL

AS INFORMAÇÕES AQUI CONTIDAS SÃO VERDADEIRAS E DE BOA FÉ. A SIG NÃO AUTORIZA, DE NENHUMA FORMA, EXPRESSA OU IMPLÍCITA, A COMERCIALIZAÇÃO OU CÓPIA DAS MESMAS. TODOS OS MATERIAIS DESCRITOS ACIMA ESTÃO DE ACORDO COM AS LEGISLAÇÕES APLICÁVEIS DA ANVISA, FDA E UNIÃO EUROPÉIA PARA EMBALAGENS DESTINADAS AO CONTATO COM ALIMENTOS.



ESPECIFICACIÓN DE PRODUCTO

274500

DESCRIPCIÓN

- BSPLST 0003L V VPULL/VPULL CRW
- BOLSA PLÁSTICA DE 3 LITROS, EN ESTRUCTURA 'V' (BARRERA: OXÍGENO Y MECÁNICA) Y CONJUNTO PLÁSTICO 'VPULL'.

ESTRUCTURA

• CAPA EXTERNA

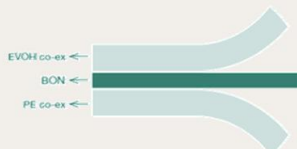
V | DSHD | DURASHIELD 114 μ
BON + EVOH

• CAPA INTERMEDIA

N/A
N/A

• CAPA INTERNA

N/A
N/A



N/A

N/A

• ÍNDICE DE TRANSMISIÓN DE OXÍGENO: < 0,3

• ÍNDICE DE TRANSMISIÓN DE OXÍGENO: N/A

• ÍNDICE DE TRANSMISIÓN DE OXÍGENO: N/A

CONDICIONES DE ENSAYO: 23°C/90%UR PARA CAPAS NO METALIZADAS, 23°C/0%UR PARA CAPAS METALIZADAS (ASTM D 3985 02) - UNIDAD: cc/m2/día

CONJUNTO PLÁSTICO

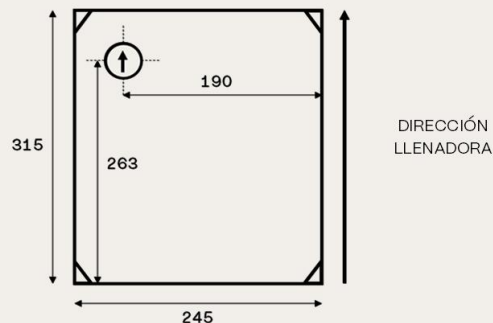


IMAGEN ILUSTRATIVA

- MODELO: VPULL
- MATERIAL BOQUILLA/TAPA: LLDPE/PP
- ÍNDICE DE TRANSMISIÓN DE OXÍGENO: < 0,079

CONDICIONES DE ENSAYO: 23°C/30%UR - UNIDAD: cc 100% O2/embalaje/día

DIMENSIONES



- LARGO: 315mm
- ANCHO: 245mm
- ORIENTACIÓN CONJUNTO PLÁSTICO: 180°

TOLERANCIA DIMENSIONAL: ± 10 mm

ESTERILIZACIÓN

- N/A

REQUISITOS DE ENMIENDA

- INSERCIÓN DE LA BOLSA PARA LLENADO: AUTOMÁTICA

RECOMENDACIONES DE ALMACENAMIENTO

- TEMPERATURA: 23°C $\pm$ 5°C
- HUMEDAD: 50% $\pm$ 10%
- PERÍODO: 30 MESES

PERIODOS DE CONSERVACIÓN VÁLIDOS A PARTIR DE LA FECHA DE FABRICACIÓN DEL EMBALAJE.

EMPAQUETADO

- BOLSAS POR CAJA: 1100un
- BOLSAS POR PALLET: 2200un
- CAJA: MB (0,98mX0,60mX0,70m)
- PESO BOLSA: 0,02kg
- PALLET: HT (1,20mX1,00mX0,85m)
- PESO CAJA: 26,34kg
- CAJAS POR PALLET: 2un
- PESO PALLET: 66kg

TOLERANCIA PESOS: $\pm 15\%$

APLICACIONES

LA BOLSA ESTÁ DESTINADA A APLICACIONES DE LLENADO NO ASÉPTICO A TEMPERATURA AMBIENTE PARA PRODUCTOS LÍQUIDOS Y PASTOSOS, NO CARBONATADOS NO CARBONATADOS Y NO ALCOHÓLICOS. PARA EL USO CON PRODUCTOS QUE CONTENGAN ALCOHOL, ACEITES O SOLVENTES, PÓNGASE EN CONTACTO CON UN REPRESENTANTE DE SIG.

PRODUCTO EN FASE DE DESARROLLO, PUEDE HABER CAMBIOS.

CONFIDENCIAL

LAS INFORMACIONES AQUÍ CONTENIDAS SON VERDADERAS Y DE BUENA FE. SIG NO AUTORIZA EN MODO ALGUNO, EXPLÍCITO O IMPLÍCITO, LA COMERCIALIZACIÓN O COPIA DE LA MISMA. TODOS LOS MATERIALES DESCRITOS ANTERIORMENTE CUMPLEN CON LA LEGISLACIÓN ANVISA, FDA Y DE LA UNIÓN EUROPEA APLICABLE A EMBALAJES DESTINADOS AL CONTACTO CON ALIMENTOS.



PRODUCT SPECIFICATION

274500

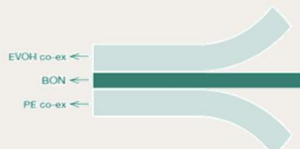
DESCRIPTION

- BSPLST 0003L V VPULL/VPULL CRW
- 3 LITERS BAG IN 'V' STRUCTURE (BARRIER: OXYGEN AND MECHANICAL) AND 'VPULL' FITMENT MODEL.

STRUCTURE

• OUTER LAYER

V | DSHD | DURASHIELD 114 μ
BON + EVOH



• INTERMEDIATE LAYER

N/A
N/A

N/A

• INNER LAYER

N/A
N/A

N/A

• OXYGEN TRANSMISSION RATE: < 0,3

• OXYGEN TRANSMISSION RATE: N/A

• OXYGEN TRANSMISSION RATE: N/A

TEST CONDITIONS: 23°C/90%UR FOR NON-METALIZED LAYERS, 23°C/0%UR FOR METALIZED LAYERS (ASTM D 3985 02) - UNIT: cc/m2/day

FITMENT

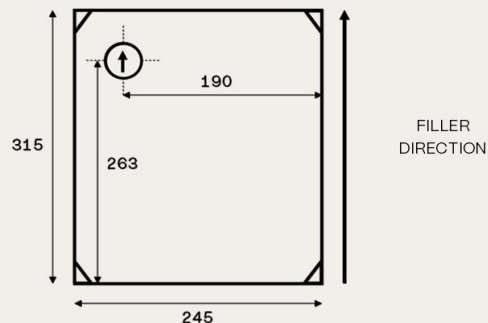


ILLUSTRATIVE IMAGE

- MODEL: VPULL
- SPOUT/CAP MATERIAL: LLDPE/PP
- OXYGEN TRANSMISSION RATE: < 0,079

TEST CONDITIONS: 23°C/30%UR - UNIT: cc 100% O2/package/day

DIMENSIONS



- LENGTH: 315mm
- WIDTH: 245mm
- FITMENT ORIENTATION: 180°

DIMENSIONAL TOLERANCE: ± 10 mm

STERILIZATION

- N/A

SPLICE REQUIREMENTS

- BAG INSERTION FOR FILLING: AUTOMATIC

STORAGE RECOMMENDATIONS

- TEMPERATURE: 23°C $\pm$ 5°C
- HUMIDITY: 50% $\pm$ 10%
- SHELF LIFE: 30 MONTHS

SHELF LIFE PERIODS VALID FROM THE DATE OF MANUFACTURE OF THE PACKAGING.

PACKAGING

- BAGS PER CARTON: 1100un
- BAGS PER PALLET: 2200un
- CARTON: MB (0,98mX0,60mX0,70m)
- BAG WEIGHT: 0,02kg
- PALLET: HT (1,20mX1,00mX0,85m)
- CARTON WEIGHT: 26,34kg
- CARTONS PER PALLET: 2un
- PALLET WEIGHT: 66kg

WEIGHT TOLERANCE: $\pm 15\%$

APPLICATIONS

THE BAG IS INTENDED FOR USE IN APPLICATIONS FOR NO ASEPTIC FILLING, AT AMBIENT TEMPERATURE, OF LIQUID AND PASTY PRODUCTS, WHICH ARE NON-CARBONATED AND NON-ALCOHOLIC. FOR USE WITH PRODUCTS CONTAINING ALCOHOL, OILS OR SOLVENTS, PLEASE CONTACT A SIG REPRESENTATIVE.

PRODUCT IN THE DEVELOPMENT STAGE, THERE MAY BE CHANGES

CONFIDENTIAL

THE INFORMATION CONTAINED HEREIN IS TRUTHFUL AND PRESENTED IN GOOD FAITH. SIG DOES NOT AUTHORIZE, IN ANY WAY, EXPRESS OR IMPLIED, THE COMMERCIALIZATION OR COPYING THEREOF. ALL THE MATERIALS DESCRIBED ABOVE COMPLY WITH THE APPLICABLE ANVISA, FDA AND EUROPEAN UNION LEGISLATION FOR PACKAGING INTENDED TO COME INTO CONTACT WITH FOOD.

REVISION 00 (07.2025)



TECHNICAL DATA SHEET – CONRO UNIQUE NATURAL+ RED CAP/WING - LLDPE UC GLAND		PRODUCT CODE TAP: UNIQ1
		PRODUCT CODE GLAND: UCGL1
1.	Composition	
2.	Responsibility and Warranty	
3.	Food Contact	
4.	Performance and Test Methods	
5.	Packaging and Storage Specifications	
6.	Filling and Fitting Process	
7.	Drawings	

1. Composition

Component	Material	Lubricant	Masterbatch
Body	Polypropylene	Yes	No
Tamper Evident Cap	Polypropylene	Yes	Yes (Red)
Wing	High Density Polyethylene	Yes	Yes (Red)
Diaphragm	Elastomer	Yes	No
Gland	Linear Low Density Polyethylene	Yes	No

2. Responsibility and Warranty

Product performance is under the responsibility of Conro Precision, but Conro Precision cannot be considered responsible for improper use of its products by the buyer and/or the final consumer.

The period of delivery of taps and glands by Conro and their installation on a container shall not exceed 18 months. The period of delivery of the taps and glands and use by the final consumer must not exceed two and a half years.

3. Food Contact

All materials used during manufacture are intended to be safe for packaging materials intended to come into contact with food suitable for a wide range of liquids such as wine, fruit juices and water.

Specific statements for food contact, as well as for REACH, heavy metals and environment can be provided upon request.

4. Performance and Test Methods

Visual and optical checks: 1 set of shots checked 2 hourly

- Cleanliness of component
- Flashing in flow port and on mould tool parting lines



- Abnormalities due to poor moulding or physical damage
- Changes in material textures or markings

Dimensional checks are performed to taps and glands to ensure all critical sizing of the sealing surfaces are within the tolerance set.

Assembly:

All taps are assembled using special purpose automatic assembly machines. All taps undergo a pressure test at 0.34 bars to ensure no leak occurs.

Please Note: The following values may vary with ambient temperature				(TEST VALUES 2023)
Specification Type	Description	Test Method	Units	Value
Liquid Seal	The tap itself must not leak.	Air	Bar	0.34
			PSI	4.93
The combining force to the travel position	The force required to insert the tap to the travel position	Load Cell (AVG)	kgf	10.38
			lbf	22.88
The removal force from the travel position	The force required to remove the tap from the travel position after tap has been at travel position for at least 24 hours	Load Cell (AVG)	kgf	7.52
			lbf	16.57
The combining force to the fully seated position	The force required to insert the tap to the fully seated position after tap has been at travel position for at least 24 hours	Load Cell (AVG)	kgf	22.47
			lbf	49.53
Final tap security	The force required to remove the tap from the gland at the fully seated position	Load Cell (AVG)	kgf	51.45
			lbf	113.41
Flow rate	Rate at which water is dispensed	5 litre bag filled with water	ml/s	TBC
Maximum fill temperature in standard configuration	Maximum fill temperature for contents to be fill at	-	Celsius	45
			Fahrenheit	113
Close off drip retention	Activate tap, dispense and close	5 Litre bag filled with water	Slight after-drip retained	
Free travel when fully inserted	Average distance between tap flange and gland	-	mm	0.7
			inches	0.027
Oxygen transmission rate	TBC	TBC	Average	
			TBC	



5. Packaging and Storage Specifications

Before packing all taps and glands undergo a final visual defect check.

1300 taps are packed in a polyethylene bag in a cardboard box sealed with adhesive tape.

1700 glands are packed in a polyethylene bag in a cardboard box sealed with adhesive tape.

Each box is identified with a label containing important information for traceability purposes:

- Production date
- Cavity number
- Box number
- Operator details
- Packer details

Product should be stored free from direct sunlight in a moisture free area.

The temperature of the area where taps and glands are stored shall be close as possible to room temperature.

To prevent boxes from collapsing and defects occurring, no pallet can be placed on top of another.

Cartons should be resealed after partial use to prevent dust, dirt or moisture contamination.

6. Filling and Fitting Process

Prior to filling taps are inserted to the travel position. (Please refer to drawing for reference)

When inserting the tap into the gland, the tap must be centralized to prevent any damage to either part's sealing surface.

Conro recommends taps must not be inserted into the glands if the temperature is below 10°C.

We suggest pallets be kept in the production department for at least 24 hours in advance to ensure the operation of taps and glands be carried out as close to room temperature as possible.

The maximum recommended filling temperature for the LLDPE gland is 45° C.

Since we do not carry prior knowledge of the constitution of the liquid which will be used alongside our product, neither the temperature during filling nor duration of exposure to heat, we strongly advise that extensive testing be performed and trials be conducted prior to use as neglecting this crucial due diligence could lead to the ineffectiveness of the product for which we cannot be held liable.



7. Drawings

