Artemis
FOOD & BEVERAGE PACKAGING

TECHNICAL INFORMATION

Closures dimensions are adapted to bottle finishes made in accordance with standards ISO 9056 and DIN 6094

30H60 BVS
For deep bottle finish
CE.T.I.E GME 30.06

MATERIALS

ALUMINIUM
Special aluminium according to DIN EN 541

Alloy:	8011A
Temper :	H14
Thickness (mm):	0,23 ± 0,010
Tensile strength N/mm2	110-150

VARNISH SPECIFICATION

INSIDE
Product description: Adhesive coating corresponds to EC regulation 1895/2005 for contact with food.

OUTSIDE
Product description: Base coating, printing inks if printed and overprint varnish.

CLOSING CONDITIONS INFORMATIONAL ONLY

TOP HEAD FORCE	1600 N ± 200N
TOP RE - FORMING	Ø 27.5 1.3-1.8 mm
SIDE FORCE THREAD ROLLER	80 – 120 N
SIDE FORCE SKIRT ROLLER	80 – 120 N
REMOVAL TORQUE	0.9 – 2.25 Nm /8-20 Lb-in/
THREAD ROLLER NOSE RADIUS	0.7 - 0.9 mm
TUCK UNDER ROLLER NOSE RADIUS	0.7 - 0.9 mm

LINERS SPECIFICATION

Are in conformance with 2002/72/EC and its amendments and chosen according to the contents of the bottle and / or customer request:
EVOH - PVDC free
Diameter : 28,65 mm with tolerance ± 0,15 mm
Total thickness : 2,0 mm with tolerance ± 10 %
EPE core :
Density : 300 kg/m3 with tolerance ± 10 %
Thickness: 1,9 mm with tolerance ± 10 %
PE/EVOH/PE layer – laminated both sides of EPE:
Thickness: 50 µ Permeabilityof EVOH/EPE/EVOH layer
Oxygen permeability: < 1 [cm3/m2. 24h. 0,1MPa]
Water vapor permeability: 0,32 ± 0,050 [g/m2. 24h. 0,1MPa]
EVOH layer is a barrier against: gas (oxygen, carbon dioxide), flavour, aroma, odours, fuel vapour, chemical products, MOSH/MOAH and organic solvents
Hardness for density 300 kg/m3 is 77°Sh
Max. pressure: 5 bar

PACKAGING

Type: Closures are packed in HDPE bags for food stuffs and carton boxes.
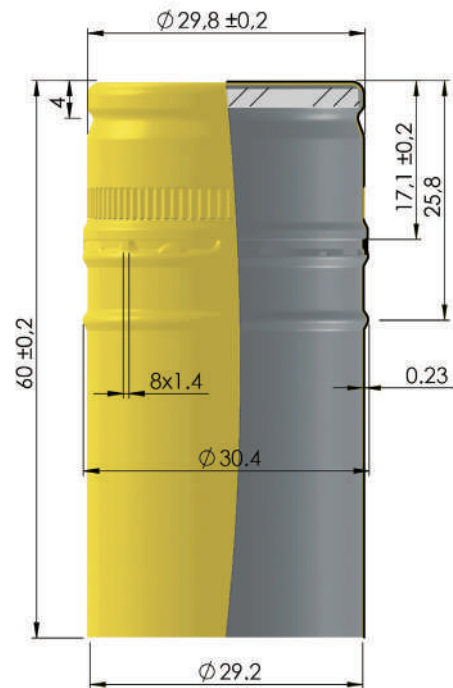|	
Dimensions (mm) :	600 x 400 x 355
Volume (m3) :	0,0852
Closures per box:	1100
Boxes per pallet:	24
Closures per pallet:	26 400

STORAGE AND USAGE

The boxes must be kept in a dry, clean and non-smoked place, at temperature range +5°C / +25°C, well covered. If these conditions are kept closures are suitable for use within 1 years.
Artemis Ltd recommends that product is used by FIFO (First Input First Output) criteria.

DIMENSIONS / TOLERANCES (mm)

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Product description: Adhesive coating corresponds to EC regulation 1895/2005 for contact with food.

OUTSIDE
Product description: Base coating, printing inks if printed and overprint varnish.

CLOSING CONDITIONS INFORMATIONAL ONLY

TOP HEAD FORCE	1800 N ± 200N
TOP RE - FORMING	Ø 27.5 1.3-1.8 mm
SIDE FORCE THREAD ROLLER	80 – 120 N
SIDE FORCE SKIRT ROLLER	80 – 120 N
REMOVAL TORQUE	0.9 – 2.25 Nm /8-20 Lb-in/
THREAD ROLLER NOSE RADIUS	0.7 - 0.9 mm
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LINERS SPECIFICATION

Are in conformance with 2002/72/EC and its amendments and chosen according to the contents of the bottle and / or customer request:

TIN SARAN
EPE coated with Tin-Saran film
Density: 250 gr/dm3
Before first application, closures must be tested by the bottler regarding to pressure retention and sensory influence under their specific closing conditions.
Storage time and time of use is not strictly limited, but it is recommended not to be longer than one year at temperatures +5°C / +25°C, avoiding direct sun light.

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