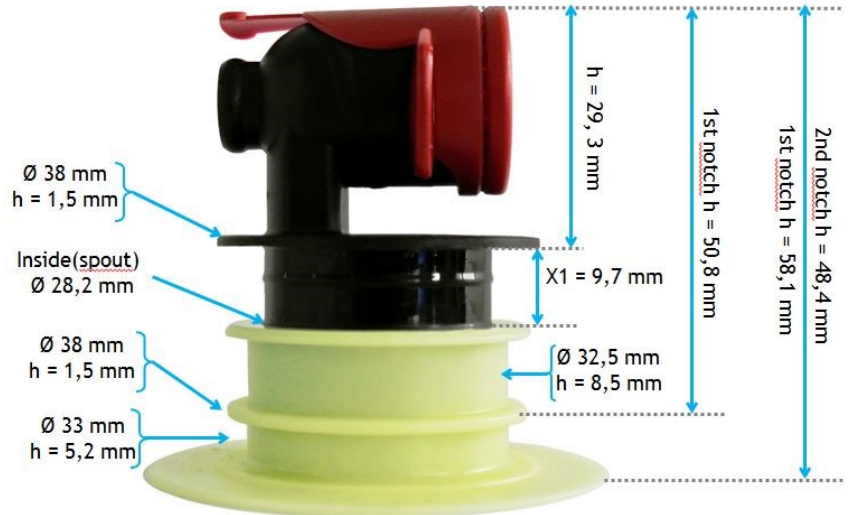


PRODUCT SHEET CLOSURES

# Vitop<sup>®</sup> Tap

amkFa/VT



- Vitop<sup>®</sup> tap with special hot fill and alcohol resistant gland
- Unique valve technology
- Very high oxygen barrier
- Tamper evident tap
- User-friendly

## Materials & Colours

Tap material: PP, HDPE and elastomer  
 Spout material: LDPE  
 Tap colours: black/red  
 Spout colours: Ivory  
 Spout weight \*  $\approx$  6.1g  
 Tap weight \*  $\approx$  10.2g  
 \* Typical value

Capping position	1 <sup>st</sup> *	2 <sup>nd</sup> *	Test ref
Uncapping force (kgf)	5-15	NA	Smurfit Kappa method
Recapping force (kgf)	NA	15-35	Smurfit Kappa method
Tightness (bar)	NA	0.5	Smurfit Kappa method

\* Typical average at 20°C

OTR : typical average for tap  $\approx$  0.1cm<sup>3</sup> per day, 21% oxygen, 50% relative humidity, at room temperature (22  $\pm$  2°C)

Minimum flow rate : 4L ( $\pm$ 0.5L) per minute (refer to current Vitop tap technical specifications for method)

The information given on this product sheet is supplied in good faith and does not comprise a warranty of any kind either expressed or implied. It is the customer's responsibility to test the suitability of this product for their specific application.

## Features

- Tamper evident
- Multiple dispensing tap
- Connectable solution
- Opened by hand
- Opened with tool
- Use by gravity

## Heat resistance

- Ambient T°C
- Hot filling conditions : 80-85°C  
 (refer to the current technical specifications for the bag for test validation prior to commercial launch and good practices required at this fill temperature level (GMP guideline))
- Chemical sterilisation
- Steam sterilisation

(Typical dimensions provided for information purpose  
 Non binding and not to be considered as part as our technical specifications)  
 1st notch -> empty bag  
 2nd notch -> filled bag

APPLICATIONS / FILLING *		
<input checked="" type="checkbox"/> Clean	<input checked="" type="checkbox"/> Hot filling	<input type="checkbox"/> Aseptic
* Please look at the suitable GMP guides available for these applications		
PRODUCT TYPE :		
<input checked="" type="checkbox"/> Wine	<input type="checkbox"/> Non food <input type="checkbox"/> Detergent <input type="checkbox"/> Medical <input type="checkbox"/> Others :...	
<input type="checkbox"/> Fruit puree and concentrate	<input type="checkbox"/> Water	
<input type="checkbox"/> Industrial food (sauces, ...)	<input type="checkbox"/> Dairy product (fresh)	
<input type="checkbox"/> Post mix/Syrup	<input type="checkbox"/> Oil	
<input checked="" type="checkbox"/> Juices	<input type="checkbox"/> Eggs	
<input checked="" type="checkbox"/> Alcoholic Beverage (optimal storage and transport conditions 20°C):		
<input checked="" type="checkbox"/> $\leq$ 15 % v/v	<input checked="" type="checkbox"/> Max 50% v/v (compatibility test to perform on the final product, see RD-EN-067)	

This association complies with regulation concerning plastic material in contact with foodstuffs :

- ECC regulation
- FDA regulation