



## SIG SwiftCap Linked customer specification

Issue date: 28. August 2023

Version: 09

### 1 Purpose

The customer specification contains all closure related information for customer (package fillers).

### Content

1	Purpose.....	1
2	Product description.....	1
3	Technical data sheet .....	2
4	Declaration of Compliance (DoC) .....	3
5	FAQ (formerly "Appendix") .....	3
6	Disclaimer .....	3
7	Specification drawing .....	3
8	Abbreviations .....	4

### 2 Product description

The spout is made of 3 molded parts, top part, cutting ring and bottom part, which are then assembled to a spout. The spout is designed for use on sleeves with overcoated hole (OCH). The cap is designed as a tethered cap that stays attached to the package at intended use stage with a minimum of linear tensile force of 12N. Furthermore, the reliability of the cap connection(s) defined as the number of opening and closing cycles (according to the standard) equals to  $n = 15$ . It fulfills the requirements of the European standard prEN17665:2021.

No.	Spout Name	Variant	Index	Explanation
1	SIG SwiftCap Linked			
2	SIG SwiftCap Linked	LP		LP = lightproof
No.: The numbers are the basis to which the technical data sheet refers (intended use)				

Note: Product name until April 2023: combiSwift TC



## SIG SwiftCap Linked customer specification

Issue date: 28. August 2023

Version: 09

### 3 Technical data sheet

Pos.	Characteristic	Details			Intended use (No.)
3.1	Resin	Top part: HDPE Bottom part: PP Cutting ring: PP			1, 2
3.2	Colorant	Bottom part	White based on PP		1
			LP: White based on PE		2
		Top part	Transparent		1
			Red based on PE (Pantone P1805C)		1
			Blue based on PE (Pantone P300C)		1
			Blue P288C based on PE (Pantone P288C)		1
			Green based on PE (Pantone P342C)		1
			Yellow based on PE (Pantone P109C)		1
			Orange based on PE (Pantone P144C)		1
			Light green based on PE (Pantone P369C)		1
			Pink based on PE (Pantone P212C)		1
			White based on PE		1
			Copper based on PE (Pantone P8941C)		1
			Cream based on PE (Pantone P7401C)		1
			LP: White based on PE		2
			LP: Red based on PE (Pantone P1805C)		2
			LP: Blue based on PE (Pantone P300C)		2
Pos.	Characteristic	Details	Tolerance	Intended use (No.)	
3.3	Pieces per box	3100	-0 / +15	1, 2	
3.4	Height of spout	12.8 mm	+/-0.40 mm	1, 2	
3.5	Length bottom part	38.4 mm	+/-0.40 mm	1, 2	
3.6	Width bottom part	31.0 mm	+/-0.30 mm	1, 2	
3.7	Diameter top part	27.5 mm	+/-0.50 mm	1, 2	
3.8	Weight of spout	2.80 g	+/-5%	1	
		2.88 g	+/-5%	2	



## SIG SwiftCap Linked customer specification

Issue date: 28. August 2023

Version: 09

### 4 Declaration of Compliance (DoC)

The Declaration of Compliance has been removed from the former “Appendix” and is now available as a separate document.

### 5 FAQ (formerly “Appendix”)

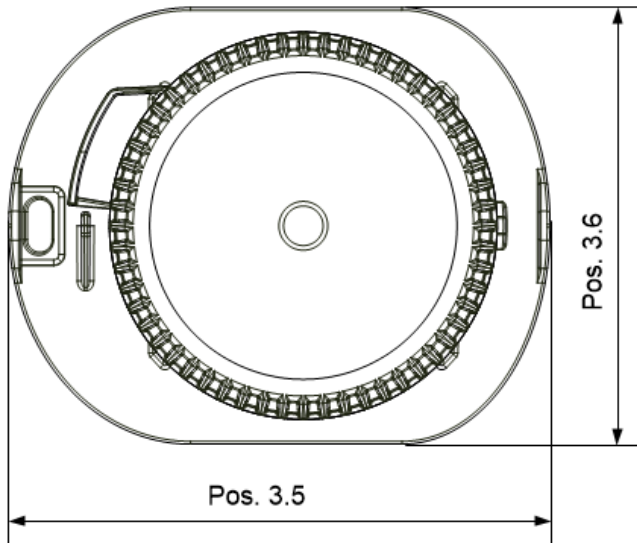
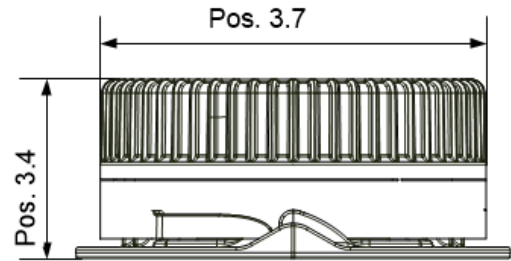
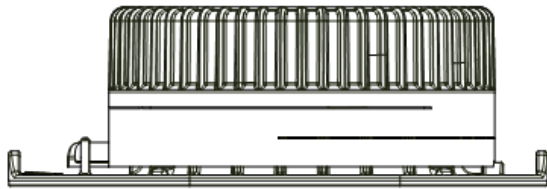
The content of the former “Appendix” has been integrated into the overall SIG document “Frequently Asked Questions” (for sleeves and spouts) and contains all relevant information regarding the transport, storage and application of spouts.

### 6 Disclaimer

SIG guarantees the conformity of the spouts delivered. As our products are subject to continuous improvement and optimization, this specification may be subject to change.

### 7 Specification drawing

The valid dimensions of the drawing can be found in chapter “Technical data sheet”.



Weight of spout = Pos. 3.8



## SIG SwiftCap Linked customer specification

Issue date: 28. August 2023

Version: 09

### 8 Abbreviations

Not all abbreviations mentioned must be applied in this specification.

Abbreviation	Explanation
PE	Polyethylene
PET	Polyethylene terephthalate
PP	Polypropylene
PS	Polystyrene
ABS	Acrylonitrile butadiene styrene
SAN	Styrene acrylonitrile resin
EVOH	Ethylene vinyl alcohol
TPE	Thermoplastic elastomers
ALOX	Aluminium oxide
COEX	Coextrusion
HD	High density. Usually in combinations (e.g.HDPE)
(L)LD	(Linear) low density. Usually in combinations
TE	Tamper Evidence
g	Gramm / Gram(s)
mm	Millimetre
mJ	Millijoule
Nm	Newton metre
nm	Nanometre
LP	Lightproof (light transmission <1%, wavelength 350-550 nm)



<b>Date of issuance:</b>	<b>23.04.2024</b>
<b>Delivery:</b>	<b>22833969</b>
<b>Production order:</b>	<b>24224711</b>

## **Certificate of Analysis and Compliance**

<b>Customer:</b>	Sig Combibloc Chile SpA
<b>Supplier:</b>	SIG Combibloc - allCap Alpla Waidhofen
<b>Description of the goods:</b>	Closure for aseptic carton package material
<b>Product details:</b>	combiSwift TC white
<b>Spout type:</b>	combiSwift TC
<b>Production date:</b>	According to packing list/delivery note (0022833969)
<b>SIG order:</b>	0062098810/0022833969
<b>Cust. purchase order:</b>	96194895.2
<b>Pallet no.:</b>	According to packing list/delivery note (0022833969)
<b>Delivery date:</b>	02.02.2024

### **Compliance**

**We hereby confirm that the above-mentioned products were produced solely out of SIG approved food grade raw materials, on state-of-the-art production lines and with GMP/GHP and HACCP in place.**

**They comply with the legal requirements stated in the current Declaration of Compliance (DoC) and are intended for various types of foodstuffs (e.g., milk, juice, mineral water, soups).**

**The spouts production sites have certified Quality Management and Food Safety Management System according to ISO 9001:2015 and GFSI recognized standards (BRC GS Packaging or FSSC 22000).**

### **Analysis and Quality**

**We hereby certify that the above-mentioned production lot:**

- has been produced in accordance with SIG standard manufacturing procedures**
- has been inspected and is without deviation**
- complies with the SIG Customer Specification and is inspected and tested according to the internal control plan**
- has a 12-months processing time (from date of delivery) if stored according to the Frequently Asked Questions on SIG Combibloc carton packs (sleeves and closures).**