



FEDERFIN TECH S.R.L.  
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# TECHNICAL SPECIFICATION

CODE : ENG\_186\_1

<b>TYPE OF CAP AND CONFORMITY DECLARATION</b>	<b><i>CAP TYPE 31,5x24 WITH TELESCOPIC OIL POURER</i></b>
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1- GENERAL SPECIFICATON			
PACKAGING		PACKAGING DETAIL	
Quantity per Box	2000 pcs	Type of Pallet	100x120 - 100x120 INKA - 80x120 cm
Box Dimension	49.7x32x36.5 cm	N boxes per pallet	35 (see note 1-2)
		Max Pallet High	210 – 240 cm (see note 1-2)
Type ad Cardboard	Triple corrugated Cardboard	Packaging	External wrapping with extensible film and angular protection
Internal Protection	Transparent non-toxic PE bag	Identification	Identification Label on Boxes
		NOTE	1- Max boxes on truck or 20-40" container 2- Max boxes on 40" HC container

2- SPECIFICATION - DIMENSIONS - APPLICATION	
2.1- GENERAL DIMENSION	
Caps Diameters	See attached Tech Drawing (SECTION 4)
Caps High	See attached Tech Drawing
2.2- DECORATION POSSIBILITY	
Top lithography	YES
Side lithography	YES
Side Decoration	-
Top Decoration	Pad Printing (OPTION)
Relief	YES (OPTION)
Others	-
NOTE	All decoration on Customer Artwork subjected to prior Federfintech approval
2.3- APPLICATION	
Type of neck finish	Suggested neck finish as per attached datasheet others neck finish subject to Federfintech approval (CE.T.I.E. 30.06/30.09)
Slip Torque	4 - 20 Lbs/In 4.6 – 23 Kgf/cm
Opening Torque	6 - 25 Lbs/In 6.91 – 28.8 Kgf/cm



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<b>Spinning</b>	Opening torque + 4
<b>Vertical Head Load</b>	100+ 10% Kgf
<b>Side Load</b>	7/10 Kgf
<b>Thread Rolled Radius</b>	0.8 mm (two rollers)
<b>Took Under Roller Radius</b>	0.9 mm (two Rollers)
<b>Pressure Block Diameter</b>	FLAT
<b>NOTE</b>	These are our suggested apply condition, customer may have different condition that in any case are suitable for the caps.

<b>3- CONFORMITY DECLARATION, COMPLIANCE MATERIALS</b>	
<b>3.1- FEDERFINTECH DECLARATION</b>	
<b>Contact with Foodstuff (Section 3.1.1)</b>	<p>(the notes and/or simulants used for the migration tests, specified in Section, of this certificate, allow to determine the foodstuff or group of foodstuff admitted to the contact in compliance with Directive 85/572/EC made part of the Italian Ministerial Decree of April 26, 1993, n. 220 and subsequent amendments and up-dating) and found to comply with the following EC regulations :</p> <ul style="list-style-type: none"> <li>- Regulation (UE) 10/2011 of 14/01/2011                      Regulation EC N° 178/2002</li> <li>- Regulation 1935/2004/EC                                      Regulation EC N° 852/2004</li> <li>- Regulation 2023/2006/EC                                      Regulation (EU) 2016/1416</li> <li>- Regulation 1895/2005/EC                                      Regulation EC N° 1907/2006</li> <li>- Regulation CE 282/2008</li> <li>- Directive 94/62/CE</li> </ul> <p>and with the following Italian regulations:</p> <ul style="list-style-type: none"> <li>- Ministerial Decree 21/03/1973 and subsequent up-dating and amendments</li> <li>- DPR 777/82 and subsequent up-dating and amendments.</li> <li>- <b>It is produced in Italy</b></li> </ul>
<b>Test Simulant Substances</b>	ETHILIC ALCOOL 50% v/v for spirits , retified oil , acetic acid 3%, 10 days at 40° C for prolonged contact
<b>NOTE</b>	<ol style="list-style-type: none"> <li>1. The limit of global migration together with the other specific restrictions the monomers and/or the additives included in the material are subject thereto, is respected under the conditions of use above mentioned. This statement is supported by analytical tests carried out in compliance with Directives 82/711/EEC and 85/572/EEC and the Italian Ministerial Decree dated 21 March 1973.</li> <li>2. The user of the product meant to be in contact with foodstuff shall communicate to the underwriting company any restrictions on the basis of the composition features (presence of any additive and aroma) of the food to be packaged.</li> <li>3. This certificate is executed in compliance with Section 16 of the Framework Regulation of the European Community 1935/2004/CE and it is addressed to:</li> </ol>

	<p>.....</p> <p>4. The use for industrial or commercial purposes of the product specified in this certificate is subject to the inspection of its conformity to the current legislation as well as of the technological suitability for use.</p> <p>5. This certificate shall come into effect as of the date below. It will be replaced either in case of major changes in material processing able to modify any requirements of fundamental importance for conformity purposes, or in case the regulations set forth in Section 1) are so amended or up-dated that a new inspection of conformity is required.</p>
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**3.2- INK CONFORMITY**

<b>General Indication</b>	<p><b>Ink conformity</b> is guaranteed. Ink involved in the processing of caps screen printing is prepared with organic pigments, natural resins, coal, vegetal oils and natural additives, in compliance with the provisions set forth in the Dangerous Substances Regulations. It is <b>free</b> from heavy metals, antimony, arsenic, cadmium, chromium, mercury, selenium, PCB, PCT dioxin or other similar substances.</p> <p>Besides we declare that our varnishes do not contain any trace of <b>“Benzofenone e 4-Metil Benzofenone”</b>.</p> <p>Our Supplier supply to us Conformity Declaration for their product, (regarding the volatile substances), list of compliance as per section 2</p>
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<b>Internal Varnish Type</b>	Polyester BPA-FREE
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<b>External Varnish Type</b>	Vinylic/Acrylic Varnish – Polyester Enamel Vinylic Varnish
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<b>Ink</b>	Polyester
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<b>Ink Compliance (Section 3.2.2)</b>	<ul style="list-style-type: none"> <li>• Regolamento (CE) N. 1935/2004</li> <li>• Regolamento (CE) N. 1895/2005</li> <li>• Commission Regulation (EC) N. 2023/2006 (GMP)</li> <li>• US FDA Code of Federal Regulations Title 21 subpart 175.300 “Resinous and polymeric coatings” and FDA 21 CFR 176.180 – 175.105 – 177.2420</li> <li>• CEPE Code of Practice, Framework Resolution ResAP(2004)1 “on coatings intended to come into contact with foodstuffs” Version 3, 12 February 2009. Resolution ResAP(92)</li> <li>• Directive 94/62/EC e CONEG Regulation</li> </ul>
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**3.3- LINERS DECLARATION**

<b>Linners used (Internal Code)</b>	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">PLASTIC POURER (low density polyethylene RIBLENE GM30)</td> <td style="width: 50%;">VOTI31XSV</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	PLASTIC POURER (low density polyethylene RIBLENE GM30)	VOTI31XSV		
PLASTIC POURER (low density polyethylene RIBLENE GM30)	VOTI31XSV				

<b>Linners Compliance</b>	<p>Our mentioned products, as supplied in original packaging, comply by composition with the regulations currently in force for plastic materials intended to come into contact with foodstuffs in the following Countries:</p> <ul style="list-style-type: none"> <li>• <b>Italy:</b> Decreto Ministeriale 21.03.73 "Disciplina igienica degli imballaggi, recipienti, utensili destinati a venire a contatto con le sostanze alimentari e le sostanze d'uso personale" and following amendments.</li> </ul>
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- **Germany:** Bedarfsgegenständeverordnung von 24.06.2013 and following amendments.
- **Austria:** Kunststoffverordnung 2003, BGBl. teil II 476/2003 and following amendments.
- **France:** Applicable regulations published in the Brochure N°1227. Arrêté du 02.01.2003 "Matériaux et objets en matière plastique mis ou destinés à être mis au contact des denrées, produits et boissons alimentaires" and following amendments.
- **The Netherlands:** Verpakkingen en Gebruikaartikelen Besluit (Warenwet) 21/08/1991 and following amendments.
- **Belgium:** Arrêté Royal 11 Mai 1992 "Materiaux et object destines a entrer en contact avec les denrées alimentaires" and following amendments. Arrêté Royal 3 juillet 2005 and following amendments.
- **United Kingdom:** Statutory Instrument 2002, No. 2364 "The Plastic Materials and Articles in Contact with Food, Regulations 2002" and following amendments. Statutory Instrument 2012, No. 2619 (England).
- **Spain:** Real Decreto 118/2003 of 31.01.2003 and following amendments. Real Decreto 103/2009 of 06.02.2009.
- **Switzerland:** RS 817.023.21 "Ordinanza del Dipartimento Federale dell'Interno sui materiali e oggetti in materia plastica" dated 23.11.2005.
- **USA:** Code of Federal Regulations, 2012 Food and Drug Administration (FDA) Title 21 §177.1520 (Olefin polymers) – paragraph (c) point 2.1.
- **European Union:** Commission Regulation (EU) No 10/2011 "Plastic materials and articles intended to come into contact with food" and following amendments.

The products do not contain monomers or additives with migration restriction. The products do not contain substances authorized as flavourings, nor as direct food additives with restrictions in the Regulation (EC) 1333/2008 (Dual Additives). We confirm that our mentioned products are manufactured using the good manufacturing practices (GMP) recommended by Regulation (EC) 2023/2006 and that our quality management system ensure the traceability required by the Regulation (EC) No 1935/2004.

- We point out that it is a responsibility of the end users to ensure that materials and articles, manufactured with good manufacturing practice (Regulation (EC) 2023/2006), under the normal or foreseeable conditions of use, do not transfer their constituents to foodstuffs in quantities which could endanger human health and/or bring unacceptable changes in the composition of the foodstuffs or a deterioration in the organoleptic properties (Regulation (EC) No 1935/2004).

## 3.4- ALUMINUM

<b>Alloy</b>	8011	<b>Thickness</b>	0.22 +/- 0.01 mm
<b>State (Grade)</b>	H14		



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<b>Specific weight Kg / dm<sup>3</sup></b>		2.7 Kg								
<b>Crack point RmN / mm<sup>2</sup></b>		150/190								
<b>Yield point Rp02</b>		120/160								
CHEMICAL COMPOSITION										
Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others (c/u)	OtherS (Total)	Al
0.5-0.9	0.6-1.0	0.1	0.2	0.05	0.1	0.1	0.08	0.05	0.15	
<b>Compliance</b>			<ul style="list-style-type: none"> <li>• European Standards <b>EM 573-3</b>, "Aluminium and aluminium alloys - Chemical composition and form of wrought products - Part 3</li> <li>• EN <b>602</b>, "Aluminium and aluminium wrought alloys, Chemical composition of alloys for the manufacture of products coming into contact with food" from July 2004</li> <li>• CONEG model regulation in force in some US states and the European Directives <b>94/62/EC</b> resp. <b>EN 14287</b> (Packaging and Packaging Waste) from September 2004</li> <li>• <b>1935/2004/EC</b> (Materials and articles intended to come into contact with food)</li> <li>• <b>2023/2006/EC</b> (good manufacturing practice), <b>1223/2009/EC</b> (Cosmetic products)</li> </ul> <p>Arrêté du 27.08.1987 and Note 2004-64 de la DGCCRF</p>							

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## 4- DRAWINGS

