

MATE-XT cover

For food environment

Annex to MATE-XT instruction
manual



COMAU



XT

Food Cover

Instruction Manual

Translation from original
instructions

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MODIFICATION HISTORY

The following table shows the release history of the Manual, with relative modifications / improvements made.

Date	Manual Edition	Contents
2024-02-08	01/2024.02	First release of the Manual

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1. INTRODUCTION

This chapter contains the following topics:

- **Symbols used in the manual**
- **Disclaimer**

1.1. Symbols used in the manual

This section contains the symbols that represent **WARNINGS**, **ATTENTION** and **NOTES** and their meaning.



WARNING

It indicates a situation in which a potential hazard exists which, if not avoided, could result in serious injury to the operator.

It describes operations that require particular attention to avoid serious injury or death for the operator.



ATTENTION

It indicates a situation in which there is a non-immediate or potential danger which, if not avoided, could result in minor or moderate injury or damage to the health of the operator.

It describes operations that require particular attention in order to avoid injury to the operator.



NOTE

It indicates important information and/or describes procedures, the non-compliance or partial observance of which may result in damage to the machine or connected equipment

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1.3. Intended use



WARNING

The MATE XT Food Cover must be used only in conjunction with the MATE XT or MATE XT 4.0.

Any other usage is forbidden.

MATE-XT Food Cover must be assembled on the MATE XT following the instructions contained in this user manual. This operation must be performed outside the food environment. MATE-XT Cover prevent the contamination of the MATE-XT exoskeleton with the environment where the exoskeleton has been used, therefore the wearing procedure should occur outside the working area.



NOTE

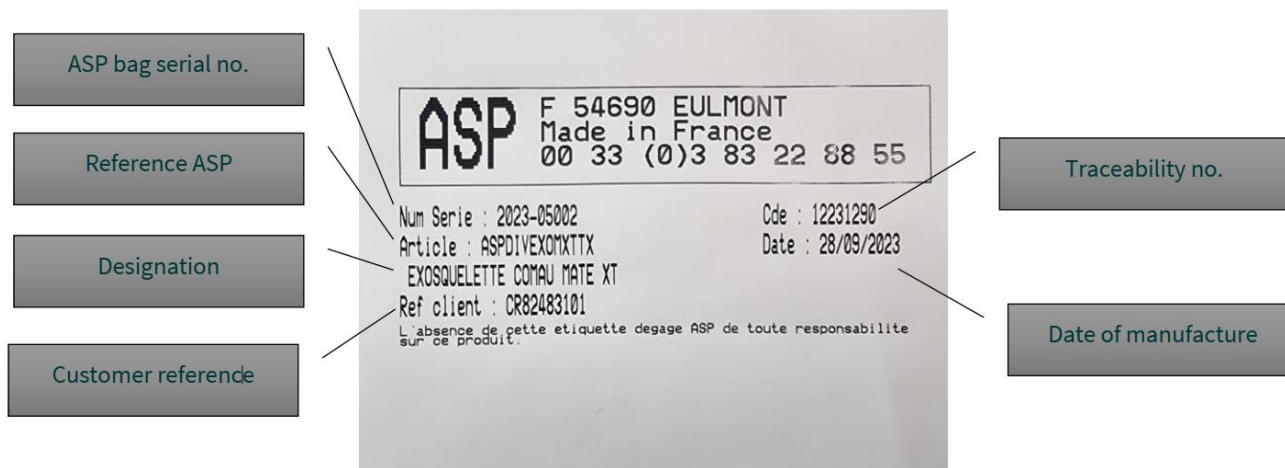
This manual is related only to "MATE XT Food Cover".

For the usage of MATE XT refer to MATE XT instruction Manual

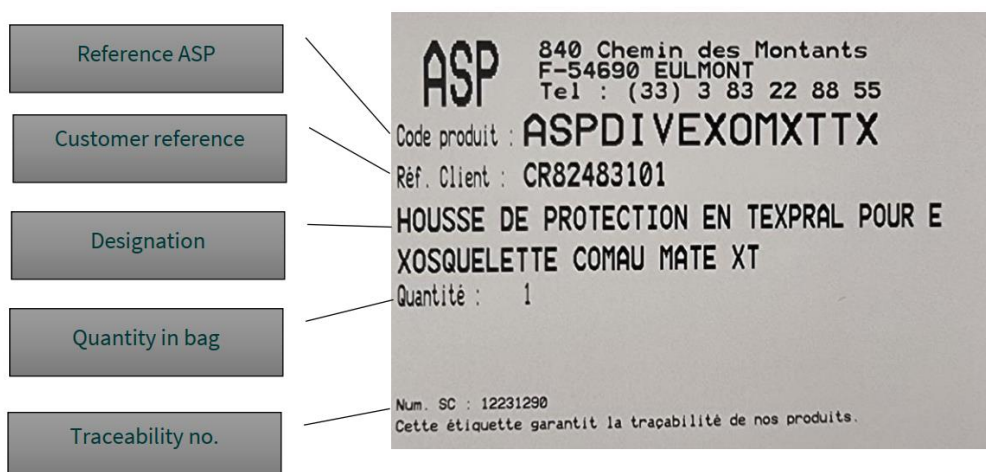
For the usage of MATE XT 4.0 refer to MATE XT 4.0 Instruction Manual

1.4. Product labeling

Traceability label on the product



Packaging label



1.5. Product declaration of conformity



NOTE

The following declaration of conformity refer to the MATE-XT machine as a whole.
Also including MATE XT Food Cover.

The food cover cannot be used standalone but only in conjunction with MATE XT, therefore it has not a dedicated declaration of conformity but it is an annex of declaration of conformity of MATE XT.

**ATTENTION**

Any modification made to the product by the customer or by whoever uses it, immediately invalidates the **CE** Declaration of Conformity.
In this case, COMAU declines any type of responsibility.

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**CE DECLARATION of CONFORMITY**

DICHIARAZIONE CE DI CONFORMITA' - Direttiva 2006/42/CE - Allegato IIA	EC DECLARATION OF CONFORMITY - DIRECTIVE 2006/42/EC - Annex IIA	DÉCLARATION CE DE CONFORMITÉ - Directive 2006/42/CE - Annexe IIA	EG-KONFORMITÄTSERKLÄRUNG - Richtlinie 2006/42/EG - Anhang IIA
FABBRICANTE DICHIARASOTTO LA SUA RESPONSABILITÀ CHE I PRODOTTI	THE MANUFACTURER DECLARES UNDER HIS OWN RESPONSIBILITY THAT THE PRODUCTS	LE FABRICANT DÉCLARE SOUS SA RESPONSABILITÉ QUE LES PRODUITS	DER HERSTELLER ERKLÄRT UNTER SEINER VERANTWORTUNG, DASS DIE PRODUKTE
commercial name and model/type			year of construction:
function			serial number:
code		code release:	
FOOD COVER			
Part number	Cde	Num. Serie	Date
IT	EN	FR	DE
SONO IN CONFORMITÀ CON I REQUISITI ESSENZIALI DISCIPLINATI DALLA DIRETTIVA 2006/42/CE.	ARE IN CONFORMITY WITH ESSENTIAL REQUIREMENTS OF THE DIRECTIVE 2006/42/CE.	SONT CONFORMES AUX EXIGENCES ESSENTIELLES DE SÉCURITÉ APPLICABLES DE LA DIRECTIVE 2006/42/CE.	ENTSPRECHEN MIT DEN GRUNDLEGENDEN SICHERHEITSVORSCHRIFTEN DER RICHTLINIE 2006/42/EG.
Sono realizzati in conformità con le seguenti principali norme: EN ISO 13482:2014 Robots and robotic devices - Safety requirements for personal care robots	Are manufactured in compliance with the following standards: EN ISO 13482:2014 Robots and robotic devices - Safety requirements for personal care robots	Is sont fabriqués en conformité avec les normes suivantes: EN ISO 13482:2014 Robots and robotic devices - Safety requirements for personal care robots	Sie werden in Übereinstimmung mit den folgenden Normen hergestellt: EN ISO 13482:2014 Robots and robotic devices - Safety requirements for personal care robots
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		POSITION Proxy holder
Grugliasco - Torino (Italy)		NAME Nicole Clement
		SIGNATURE
Sede legale: Via Rivalta, 30 - 10095 Grugliasco - Torino (Italy)		

Facsimile of MATE XT CE Declaration of Conformity

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For this article, I have factored in

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[illegible]

Facsimile of MATE XT 4.0 CE Declaration of Conformity

2. SAFETY INFORMATION

This chapter contains the following topics:

- **Directives and main reference Technical Standards**
- **Correct disposal of the product**
- **Residual risks**



NOTE

Please read the following safety information carefully before using the device. Follow the warnings and cautions to avoid injury to yourself or others and to avoid damage to the device.



ATTENTION

Please comply with all the instructions contained in this manual to eliminate or contain (where elimination is not possible) the residual risks.

2.1. Directives and main reference Technical Standards

The MATE-XT Cover for Food Environment subject of this instruction manual has been manufactured in compliance with the relevant European Union harmonization legislation:

- **REGULATION (EC) No 1935/2004** – On materials and articles intended to come into contact with food and repealing Directives 80/590/EEC and 89/109/EEC
- **DIRECTIVE 2006/42/EC** - On machinery, and amending Directive 95/16/EC (recast)
- **REGULATION (EC) No 2023/2006** - On good manufacturing practice for materials and articles intended to come into contact with food
- **REGULATION (EU) No 10/2011** - On plastic materials and articles intended to come into contact with food
- **REGULATION (EU) No 1245/2020** - Amending and correcting Regulation (EU) No 10/2011 on plastic materials and articles intended to come into contact with food

2.2. Correct disposal of the product

ATTENTION

MATE-XT Food Cover

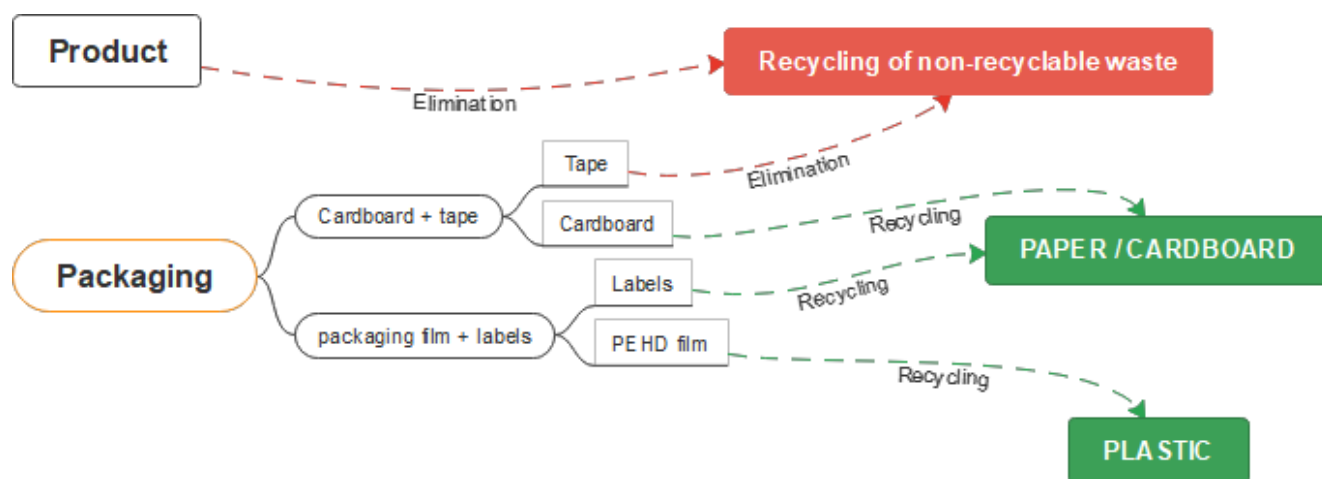


The cover and its packaging must be properly disposed according to user's country regulations.

The product must be disposed as non-recyclable waste.

The packaging is made of different separable materials some of which can be recycled.

Refer to the following diagram for details.



2.3. Residual risks

After having carefully considered all the possible risks associated with the device, all the necessary solutions have been adopted to eliminate the risks and limit the dangers for exposed people.

Even though the device is equipped with all the systems necessary to guarantee its safe use, there are still some risks which can be eliminated or reduced by the corresponding precaution.

This manual contains all the necessary precautions to resolve some circumstances with residual risk.

In addition to the warnings and precautions in the manual, the following residual risks are noted:



WARNING: RESIDUAL RISK – INJURY TO OPERATOR CAN OCCUR IF THE DRESSING/UNDRESSING PROCEDURE IS NOT CORRECTLY FOLLOWED

Where/when: During the dressing/undressing operations of the MATE with the cover, the residual risk of injury for the operator persists due to the Active Boxes not locked.

What do not do: Do not release the Active Boxes or pull/pre-charge them since they could hit the operator's face if not under control.

What to do: Read carefully the user manual and follow the dressing/undressing procedure in order to wear/un-wear the MATE in the safest way.

3. PRODUCT DESCRIPTION

This chapter contains the following topics:

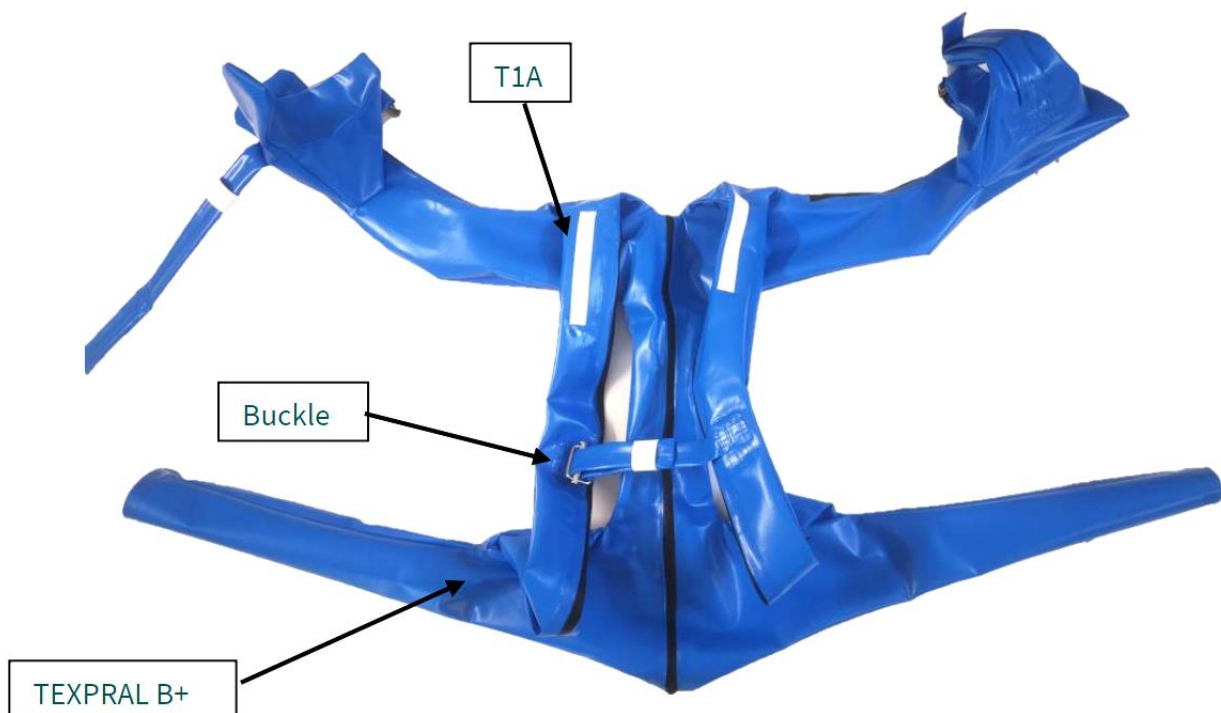
- **Product presentation**
 - **Product architecture and components**
 - **Main materials datasheets**
-

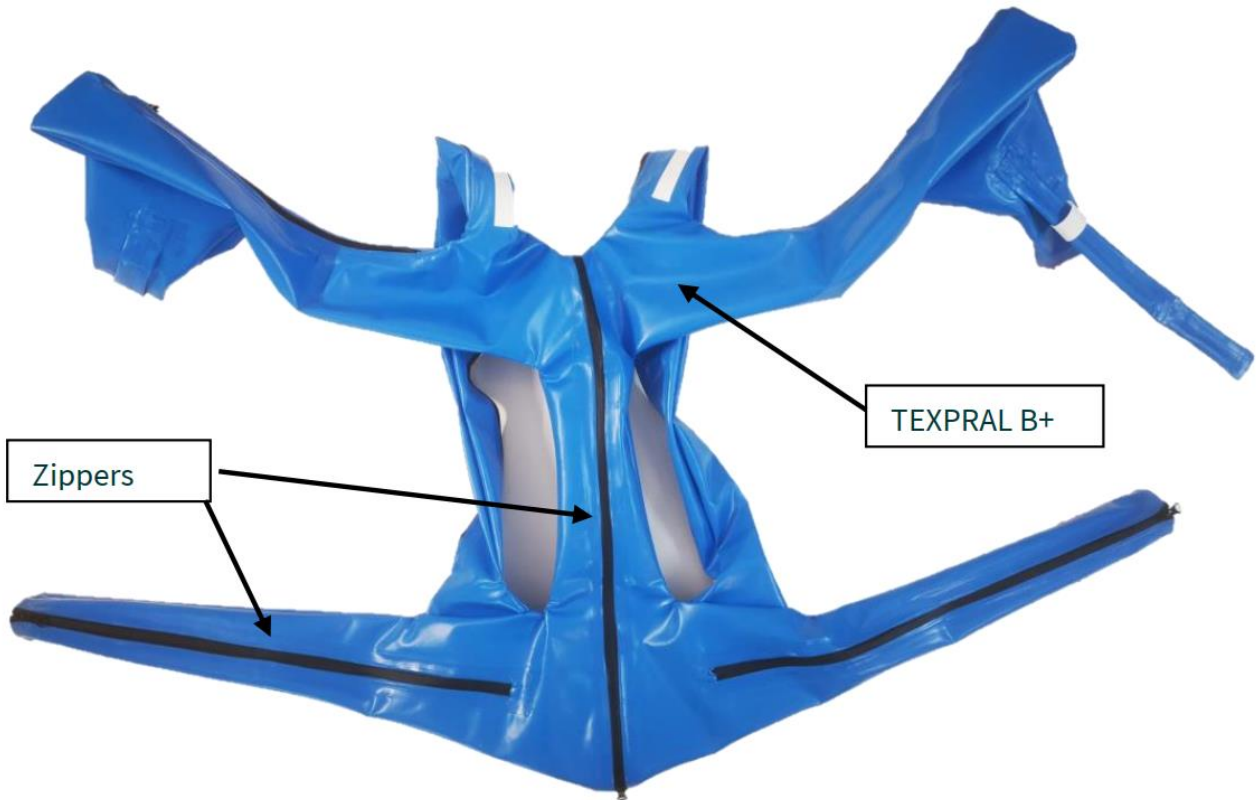
3.1. Product presentation

The protective cover is specially designed to enable the MATE-XT exoskeleton to be used in a food processing environment, while guaranteeing its functionality. The cover is made of TEXPRAL B+ fabric and features 7 openings via black waterproof zippers. Three 304 stainless steel buckles and TEXPRAL B+ straps are used to tighten the cover.

3.2. Product architecture and components

The cover completely enclose the MATE XT in all its components, the materials are identified in the pictures below.





		
Stainless steel buckle detail	Zipper Detail	Middle sealing detail

MATE-XT Food Cover

Zips for joining
left and rights
sides

Buckles for
arm cuffs

Buckle for
chest stability
belt

Zips for waist
belt assembly



3.3. Main material datasheets

TEXPRAL B+



Version | 02

Date | 28.05.21

TEXPRAL B+

Polyamid texture two sides coated with
a thermoplastic Blue colour on external side

Weight	ISO 2286-2	450 g/m ² ± 75
Tensile strength	ISO 1421	
Warp		> 300 daN/5cm
Weft		> 300 daN/5cm
Tear resistance	ISO 1421	
Warp		> 100 daN
Weft		> 100 daN
Peeling Test Adhesion	ISO 2411	
Warp		> 15 daN/5cm
Weft		> 15 daN/5cm
Overall migration test	NF EN 1186 parts 1 to 14 Regulation EC n°1935/2004 Regulation EC n°10/2011	Accordance TESTS REPORT N°E21- 04879 - IANESCO

Food contact approval certification for TEXPRAL B+

The producer certifies that the product contains monomers and starting substances meeting EC regulation 10/2011 of 14 January 2011.

TPU polymer-Commission Regulation (EU) No. 10/2011, Regulation No. 1935/2004 and Regulation No.2023/2006
TPU resin is composed of ingredients which meet the current requirements of Commission Regulation (EU) No.10/2011. All the monomers and additives are listed
Pigment- Regulation (EC) N. 2023/2006.
Produced under good manufacturing practices as per Regulation (EC) No 2023/2006, the our quality management system ensures the traceability required by
Article 17 of Regulation (EC) N. 1935/2004.
The masterbatch Anti-UV meet the current requirements of Commission Regulation (EU) No. 10/2011.

The material is in accordance with Overall migration test.
Standard NF EN 1186, parts 1 to 14
Regulation (EC) n°1935/2004 of October 27, 2004
Modified Regulation (EU) n°10/2011 of January 14, 2011
DGCCRF notices concerning the materials intended to come into contact with food.

Tests report N°E21-04879 - 19/03/2021
In the conditions indicated in the above table.
The overall migration of this material is within the limit set by regulation in the simulants A, B of modified regulation n°10/2011.
The overall migration of this material EXCEEDS the limit set by regulation in the simulant D2 of modified regulation n°10/2011. Nevertheless by taking into
account the reduction factor recommended by modified regulation 10/2011, the obtained values are in compliance with regulatory limits for a contact with
fatty foods for which a reduction factor of at least equal to 3, is planned.

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ADVANCED SYSTEMS OF PROTECTION

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T1A



Guaranteed
silicon free



Waterproof



Waterproof
with welded seams



FDA Certified





REACH
compliant



RoHS 2

Version 05	Date 17.10.16
--------------	-----------------

T1A | Technical white rubber TPE

thickness 1 mm

Surfacic Mass	NFT 54 101	1 100 g/m ² ± 65
Thickness	NFT 54 101	1 mm ± 0.05
Tensile Strength	ISO 527-3	
Weft		≥ 35 MPa
Wrap		≥ 35 MPa
Elongation at break	ISO 527-3	
Weft		≥ 450 %
Wrap		≥ 450 %
Modulus at 100 % elongation	ISO 527-3	
Weft		≥ 3 MPa
Wrap		≥ 3 MPa
Low Temperature Resistance	ISO 4675	< -50°C
Hardness	ISO 7619-1	85 Sh A ± 5
Overall migration test	NF EN 1186 parts 1,4,5 Regulation EC n°1935/2004 Regulation EC n°10/2011	OK for the simulants A – B OK with a factor at least equal to 3 for fatty foods

0318 - With concern for continuous improvement of our products, the informations, descriptions and technical characteristics contained in the present catalog are subject to modification without prior notice

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4. USE OF THE PRODUCT

This chapter contains the following topics:

- **Operating conditions**
- **Cleaning procedure**
- **Assembly procedure**
- **Wearing the MATE XT with the Food Cover**

4.1. Operating conditions

The exoskeleton protective cover can be used under the following conditions:

- Temperature: -18°C / + 40°C (0°F / 104°F)
- Humidity: 0% / 100%

MATE XT cover sanitization is suggested before use in Food environment, according to user's standard procedures.

For cover cleaning procedure see paragraph 4.2.



ATTENTION

The cover is not intended to be used close to fire sources or in an extreme temperature environment.

Avoid the usage of the cover close to fire.



ATTENTION

It is not possible to submerge MATE-XT exoskeleton with MATE-XT Cover. MATE-XT cover do not preserve the exoskeleton from liquid immersion.

4.2. Cleaning procedure

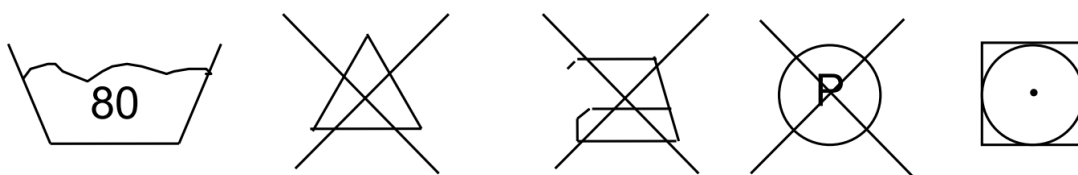


WARNING

- **Do not use** sharp or scratching tools on the surface of the cover to remove certain encrusted elements. Use a simple sponge.
- **Do not use** abrasive sponges.

It is not necessary to remove the exoskeleton when cleaning the cover.

The cover can be cleaned with soapy water or with a product compatible with the process cleaning instructions. However, to avoid premature deterioration of the cover, it is imperative to inform COMAU of the references and safety datasheets of the products used, so that compatibility can be verified.



The maximum cleaning temperature is 80°C.

Rinse cover thoroughly with clean water after cleaning.

Once the cover is disassembled from the exoskeleton, the protective cover can be cleaned in a washing machine using standard detergent.

4.3. Assembly procedure

Before use the exoskeleton MATE XT in the food environment, the user needs to assemble properly the MATE XT Food Cover.

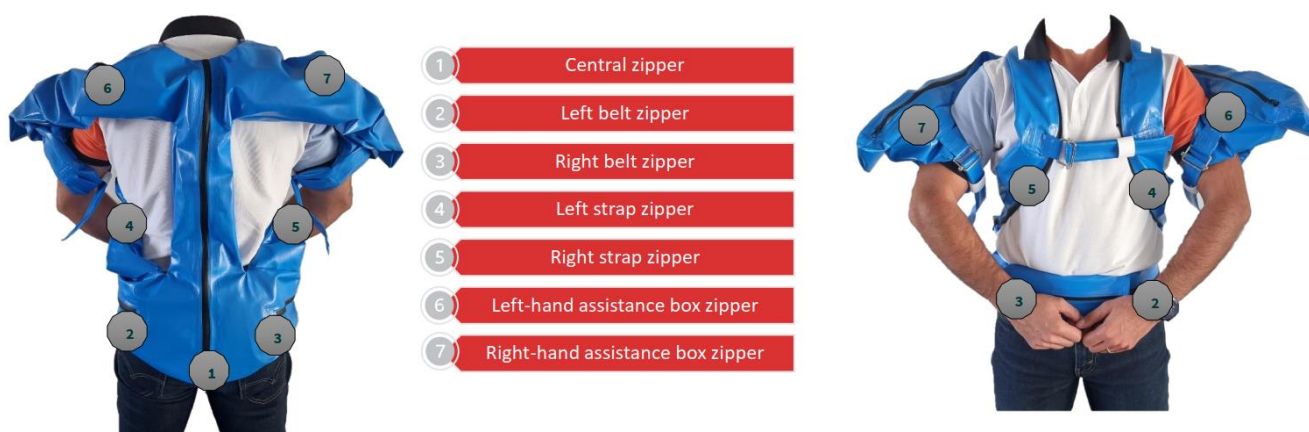


ATTENTION

Before assembling the Food Cover, the MATE XT must be adjusted to fit the user's anthropometry, and the desired assistance level must be selected. To understand how to regulate the MATE XT, refer to the MATE XT user manual.

4.3.1. Labeling to enhance the assembly process

In order to facilitate the assembly of the cover, all the cover component and braces are identified with a label inside the soft tissue according to the following scheme.



Right components are identified with *RH* (right hand)

Left components are identified with *LH* (left hand)

4.3.2. Cover assembly on MATE XT

In order to assemble the cover on MATE XT the user needs a clean flat surface, like a table or a desk.

The cover must be assembled after having regulated the MATE XT according to the user anthropometry.

- 1 Place the MATE XT on a clean table



- 2 Remove MATE XT's arm cuffs



- 3 Open MATE XT's shoulder straps buckles



- 4 Unlock the active boxes and carefully position them in the upper position (arm up).

The exoskeleton is ready to receive the Cover



- 5 Put the cover on the table



- 6 Open the central zipper to separate left and right half covers.

Open all the zips



- 7 Insert the right active box in the cover's right arm starting from rigid arm support (black arc).

- Let the arm support came out from the arm zipper

Pay attention not to twist the cover, the white band on the shoulder strap must be visible in the front of it



- 8 Let all the active box came out from the arm zipper and put the arm cuff back on.

The arm cuff's belt must be accommodated as showed in the picture



MATE-XT Food Cover

- 9 Insert the arm cuff in the sleeve up to the end.
To help the cuff going in, use one hand to separate the inner part of the sleeve from the arm cuff velcro.



- 10 Be sure that the soft cuff is inside the sleeve on both sides, then close the arm zip



- 11 Insert the shoulder strap and pull the cover to let the MATE XT Pdf go inside the cover



- 12 Insert the belt in the Cover's belt sleeve



- 13 Let the bottom part of the MATE's
shoulder strap go through the Cover's
shoulder strap



- 14 Join the shoulder strap buckles
Close the shoulder strap zip.



- 15 Pull and fit the MATE XT belt inside its
sleeve



MATE-XT Food Cover

- 16 Repeat operations 7 to 15 for the left side



- 17 Close the central zipper and merge the left and right sides of the cover



- 18 Close the shoulder straps zipper.
The MATE XT's chest belt must lay inside the cover.
Keep the hip belt zipper open



4.4. Wearing the MATE XT with the Cover



WARNING

With the Cover on the MATE XT, the lock-unlock mechanism is not operable.

It is mandatory to follow the subsequent instruction to wear the exoskeleton while avoiding the risk of injuries caused by elastic energy stored in the active box.

The MATE XT must be stored with active box in rest position (arm up) where the elastic energy is at its minimum.

- 1 Put the exoskeleton on like a backpack.
The active box must be in the resting position (arm up)



MATE-XT Food Cover

2

Pair the two side of the Cover belt putting left side inside the right side



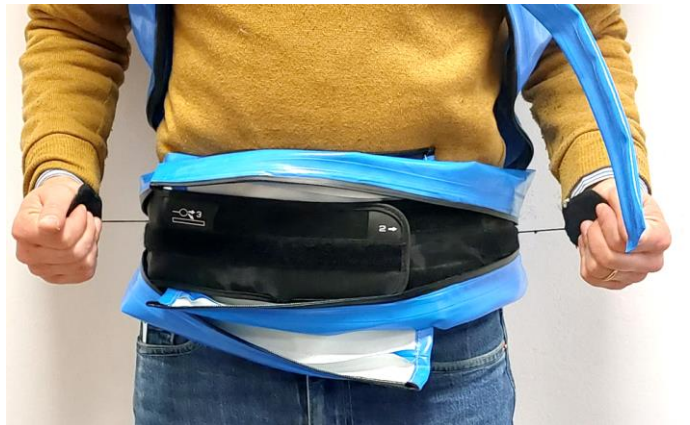
3

Close the MATE XT belt velcroing left and right side



4

Pull the MATE XT strings to tighten the belt



5

Close the zipper on the left side of the Cover's belt



6

Close the zipper on the right side of the Cover's belt



7

Insert the Cover's chest belt inside its buckle and pull it according to user's comfort.

Store the exceeding belt in the white ring



MATE-XT Food Cover

- 8 Pull down one active box from the arm belt.
Insert the arm in the cuff without releasing the arm belt.



- 9 Insert the Arm belt inside its buckle and pull it according to user's comfort.



- 10 Store the exceeding belt in the white ring

**WARNING**

In any case do not pull the active box down before having secured the arm belt.

- 11 Repeat the operations 8 to 10 on the other arm.
- The exoskeleton is now ready to be used



5. MAINTENANCE, STORAGE AND PACKAGING

This chapter contains the following topics:

- **Maintenance and inspection**
 - **Storage conditions**
 - **Packaging**
-

5.1. Maintenance and inspection

The cover integrity must be assessed before any usage.

- Check the cover tissue to verify the absence of scratches, rips or tears
 - Move the zippers along their range to verify the functionality in terms of resistance and sealing
 - Inspect the stainless steel buckles: these must be shiny and clean (no sign of rust admitted)
 - The cover must be clean, both on outside and inside surfaces, otherwise follow the indication of paragraph 4.2
-

5.2. Storage conditions

5.2.1. Before use

Storage room:	The room where the product is stored must be cool, dry, dust-free and ventilated.
Temperature:	The temperature should be as stable as possible, preferably between 10 and 25°C.
Relative humidity:	Relative humidity should be between 40 and 70%.
Light:	Articles should be stored in a dark place and protected from sunlight and any intense artificial light (UV and IR).
Ozone:	The storage area must not contain any installations that produce ozone, e.g. mercury vapor lamps or tubes, high voltage electrical equipment, electric motors, etc.
Environment:	Solvents, fuels and chemicals must not be stored in the same room as the covers.
Storage methods:	The covers must be stored in their original plastic packaging and must be arranged without constraint.

5.2.2. After use

The cover should be stored in a dry, ventilated place, preferably attached to a rack like the exoskeleton. It is not necessary to remove the cover from the exoskeleton after use.

5.3. Packaging

The protective cover is vacuum-packed in an HDPE bag.

The bag is identified with its own label as described in paragraph 1.3.



6. FOOD INDUSTRY CERTIFICATION

This chapter contains the following topics:

- **Certification summary**
 - **Certification attachments**
-

6.1. Certification summary

✓ **TEXPRAL B+, T1A and the watertight seal** have been tested by the French laboratory IANESCO for:

Testing the inertness of a material intended to come into contact with food. Global migration test.

✓ **TEXPRAL B+** has been tested by the Swiss laboratory MEDISTRI for :

Food contact migration tests

✓ **TEXPRAL B+**: the supplier certifies that all monomers are:

- In accordance with Regulation (EU) no. 10/2011 of January 14, 2021, as amended
- FDA-compliant

✓ **The buckle** is made of stainless steel 304 (A2) - X5CrNi18.10 or 1.4301

It therefore complies with: Order of January 13, 1976

Regulation 1935/2004/CE of 27/10/04 (modified)

French standard NFA 36-711 of April 2002

6.2. Certification attachments

6.2.1. TEXPRAL B+ certificate of conformity



DECLARATION OF COMPLIANCE WITH FOOD CONTACT LEGISLATION

1. Identity and address of the business operator issuing the declaration of compliance

Company Name and Address: ADVANCED SYSTEMS OF PROTECTION (ASP)

840 chemin des Montants

FR- 54690 EULMONT

Name Mrs: Stéphanie GIERENS

Position: Quality / Innovation Manager

2. Identity of the material and / or item covered by this declaration

Trade name and reference : **TEXPRAL B+**

Description Polyamid texture two sides coated with a thermoplastic blue colour on external side

Indicate the component material(s) of the item:

Internal component: polyamide fabric

Food contact component: blue thermoplastic

Statement issued on: September 19th, 2023

3. Confirmation that those materials or items meet the relevant requirements of Food contact regulations

The materials and/or items covered by this DoC comply with the relevant requirements laid down in Framework Regulation (EC) N° 1935/2004/EC, Regulation (EC) N° 2023/2006 and other European and national texts applicable, listed below:

Quote the relevant text(s):

Norme NF EN1186, parties 1 à 14

Règlement (UE) n°10/2011 du 14 janvier 2011, modifié

Fiches DGCCRF relatives aux matériaux destinés au contact alimentaire

Swiss Regulation on Food Contact Materials (CH/EU) of 16.12.2016, updated 01.12.2020

CH BedGeg VO SR 817.023.21

Particularities (to be completed as of publication of the list) ☒ Not applicable

☐ (EC)Regulation N° 450/2009 on active and intelligent materials and items intended to come into contact with food, specify the substance used and the number mentioned in the Community list:

.....

.....



☐ (EC) Regulation N° 282/2008 on recycled plastic materials and items intended to come into contact with foods, specify the type of material and the authorization number of the recycling process, mentioned in the EC process register:

.....

.....

This declaration of compliance has been established in respect of the following (tick any appropriate boxes)

☒ Declarations by suppliers of raw materials

☒ Overall Migration testing - If applicable, please complete the table:

Tests report IANESCO (France) n°E21-04879 du 19/03/23

Tests report MEDISTRI (Switzerland) n°2203605, 2203606 et 2300509 de novembre 2022 à janvier 2023

Simulants	Time	Temperature
Simulant A	10 days	40°C
Simulant B	10 days	40°C
Simulant D2 (Olive oil)	10 days	40°C
Simulant E	10 days	40°C

☐ Assessment of non-listed substances - Article 6 of (EU) Regulation N° 10/2011 ☒ Not applicable

☐ Risk assessment (article 19 of (EU) Regulation N° 10/2011)

☐ If not, list substances and information relevant to the risk assessment

☐ Assessment of non-intentionally added substances:

☒ Not applicable

☐ Risk assessment (article 19 of (EU) Regulation N° 10/2011)

☐ If not, list substances and information relevant to the risk assessment

4. Information related to the intended use of the materials or items

Materials or items intended for infants and young children ☐ Yes ☒ No

Type of food intended to be placed in contact:

☐ All types of food products

or only

☒ Dry and assimilated foods

☐ Alcoholic foods

☒ Moist / aqueous foods

☒ Frozen and deep-frozen products

☒ Acidic foods

☐ Ice creams

☒ Fatty foods:

If the material and / or item subject to (EU) Regulation N° 10/2011 is concerned by the application of a reduction factor, this should be mentioned:

☐ Reduction factor due to fat content



☒ Reduction factor related to D2 simulant :: 3

☐ Others (please specify)

Contact conditions (time and temperatures) corresponding to the input data

Specify.....

5.

Functional barrier (FB) in the case of multilayer materials

☐ Not applicable

Or tick the corresponding box if the materials meet the requirements provided when using a FB:

☐ Multi-layer plastics (Article 13 (2), (3) and (4) of (EU) Regulation N° 10/2011)

☒ Multi-layer materials (Article 14 (2), (3) and (3) of (EU) Regulation N°10/2011)

☐ The material covered by this declaration is to be used only behind a functional barrier

This declaration is valid on condition that there is no modification of material composition, that its intended use has not changed and in the absence of regulatory changes.

Compliance is understood to be subject to compliance with the conditions of storage, handling and use, taking into account the specific characteristics of the material or item, and the conditions such as prescribed by professional practices or codes.

In the event of changes to the nature of the packaged product, its composition or its intended use, as well as in the event of a change in the conditions for using the material or the item, the person for whom this declaration is intended must ensure the compatibility packaging / content for which s/he then accepts responsibility.

Signed in Eulmont September 19th, 2023

(Company stamp and signature)



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343 564 639 RCS NANCY

6.2.2. T1A certificate of conformity



DECLARATION OF COMPLIANCE WITH FOOD CONTACT LEGISLATION

1. Identity and address of the business operator issuing the declaration of compliance

Company Name and Address: ADVANCED SYSTEMS OF PROTECTION (ASP)

840 chemin des Montants

FR- 54690 EULMONT

Name Mrs: Stéphanie GIERENS

Position: Quality / Innovation Manager

2. Identity of the material and / or item covered by this declaration

Trade name and reference : **T1A**

Description Technical white thermoplastic rubber thickness 1mm

Indicate the component material(s) of the item:

Internal component: technical white thermoplastic rubber

Food contact component: technical white thermoplastic rubber

Statement issued on: September 19th, 2023

3. Confirmation that those materials or items meet the relevant requirements of Food contact regulations

The materials and/or items covered by this DoC comply with the relevant requirements laid down in Framework Regulation (EC) N° 1935/2004/EC, Regulation (EC) N°2023/2006 and other European and national texts applicable, listed below:

Quote the relevant text(s):

Norme NF EN1186, parties 1 à 14

Règlement (UE) n°10/2011 du 14 janvier 2011, modifié

Fiches DGCCRF relatives aux matériaux destinés au contact alimentaire

Particularities (to be completed as of publication of the list) ☒ Not applicable

☐ (EC)Regulation N° 450/2009 on active and intelligent materials and items intended to come into contact with food, specify the substance used and the number mentioned in the Community list:

.....
.....



☐ (EC)Regulation N° 282/2008 on recycled plastic materials and items intended to come into contact with foods, specify the type of material and the authorization number of the recycling process, mentioned in the EC process register:

.....

This declaration of compliance has been established in respect of the following (tick any appropriate boxes)

☐ Declarations by suppliers of raw materials

☒ Overall Migration testing - If applicable, please complete the table:

Tests report IANESCO (France) n°RE16/08913 du 1^{er} june 2016

Simulants	Time	Temperature
Simulant A	10 days	40°C
Simulant B	10 days	40°C
Simulant D2 (Vegetable oil)	10 days	40°C

☐ Assessment of non-listed substances - Article 6 of (EU) Regulation N° 10/2011 ☒ Not applicable

☐ Risk assessment (article 19 of (EU) Regulation N° 10/2011)

☐ If not, list substances and information relevant to the risk assessment

☐ Assessment of non-intentionally added substances:

☒ Not applicable

☐ Risk assessment (article 19 of (EU) Regulation N° 10/2011)

☐ If not, list substances and information relevant to the risk assessment

4. Information related to the intended use of the materials or items

Materials or items intended for infants and young children ☐ Yes ☒ No

Type of food intended to be placed in contact:

☐ All types of food products

or only

☐ Dry and assimilated foods

☐ Alcoholic foods

☒ Moist / aqueous foods

☒ Frozen and deep-frozen products

☒ Acidic foods

☐ Ice creams

☒ Fatty foods:

If the material and / or item subject to (EU) Regulation N° 10/2011 is concerned by the application of a reduction factor, this should be mentioned:

☐ Reduction factor due to fat content

☒ Reduction factor related to D2 simulant :: 3

☐ Others (please specify)



Contact conditions (time and temperatures) corresponding to the input data

Specify.....

5.

Functional barrier (FB) in the case of multilayer materials

☒ Not applicable

Or tick the corresponding box if the materials meet the requirements provided when using a FB:

- ☐ Multi-layer plastics (Article 13 (2), (3) and (4) of (EU) Regulation N° 10/2011)
- ☐ Multi-layer materials (Article 14 (2), (3) and (3) of (EU) Regulation N°10/2011)
- ☐ The material covered by this declaration is to be used only behind a functional barrier

This declaration is valid on condition that there is no modification of material composition, that its intended use has not changed and in the absence of regulatory changes.

Compliance is understood to be subject to compliance with the conditions of storage, handling and use, taking into account the specific characteristics of the material or item, and the conditions such as prescribed by professional practices or codes.

In the event of changes to the nature of the packaged product, its composition or its intended use, as well as in the event of a change in the conditions for using the material or the item, the person for whom this declaration is intended must ensure the compatibility packaging / content for which s/he then accepts responsibility.

Signed in Eulmont September 19th, 2023

(Company stamp and signature)



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6.2.3. Zipper certificate of conformity




DECLARATION OF COMPLIANCE WITH FOOD CONTACT LEGISLATION

1. Identity and address of the business operator issuing the declaration of compliance

Company Name and Address: **ADVANCED SYSTEMS OF PROTECTION (ASP)**
 840 chemin des Montants
 FR- 54690 EULMONT

Name Mrs: **Stéphanie GIERENS**
 Position: **Quality / Innovation Manager**

2. Identity of the material and / or item covered by this declaration

Trade name and reference : **Waterproof zipper**

Description **waterproof zipper black colour**

Indicate the component material(s) of the item:
Internal component: tape
Food contact component: all zipper components

Statement issued on: **September 19th, 2023**

3. Confirmation that those materials or items meet the relevant requirements of Food contact regulations

The materials and/or items covered by this DoC comply with the relevant requirements laid down in Framework Regulation (EC) N° 1935/2004/EC, Regulation (EC) N°2023/2006 and other European and national texts applicable, listed below:

Quote the relevant text(s):

Norme NF EN1186, parties 1 à 14
Règlement (UE) n°10/2011 du 14 janvier 2011, modifié
Fiches DGCCRF relatives aux matériaux destinés au contact alimentaire

Particularities (to be completed as of publication of the list) ☒ Not applicable

☐ (EC)Regulation N° 450/2009 on active and intelligent materials and items intended to come into contact with food, specify the substance used and the number mentioned in the Community list:

.....

.....



☐ (EC) Regulation N° 282/2008 on recycled plastic materials and items intended to come into contact with foods, specify the type of material and the authorization number of the recycling process, mentioned in the EC process register:

.....

This declaration of compliance has been established in respect of the following (tick any appropriate boxes)

☐ Declarations by suppliers of raw materials

☒ Overall Migration testing - If applicable, please complete the table:

Tests report IANESCO (France) n°RE16/08913 du 1^{er} juny 2016

Simulants	Time	Temperature
Simulant A	30 mn	40°C
Simulant B	30 mn	40°C
Simulant D2 (Ethanol 95%)	30 mn	40°C
Simulant D2 (Isooctane)	30 mn	40°C

☐ Assessment of non-listed substances - Article 6 of (EU) Regulation N° 10/2011 ☒ Not applicable

☐ Risk assessment (article 19 of (EU) Regulation N° 10/2011)

☐ If not, list substances and information relevant to the risk assessment

☐ Assessment of non-intentionally added substances:

☒ Not applicable

☐ Risk assessment (article 19 of (EU) Regulation N° 10/2011)

☐ If not, list substances and information relevant to the risk assessment

4. Information related to the intended use of the materials or items

Materials or items intended for infants and young children ☐ Yes ☒ No

Type of food intended to be placed in contact:

☐ All types of food products

or only

☐ Dry and assimilated foods

☐ Alcoholic foods

☒ Moist / aqueous foods

☒ Frozen and deep-frozen products

☒ Acidic foods

☐ Ice creams

☒ Fatty foods:

If the material and / or item subject to (EU) Regulation N° 10/2011 is concerned by the application of a reduction factor, this should be mentioned:

☐ Reduction factor due to fat content

☒ Reduction factor related to D2 simulant :: 3



☐ Others (please specify)

.....

Contact conditions (time and temperatures) corresponding to the input data

Specify.....

.....

5.

Functional barrier (FB) in the case of multilayer materials

☐ Not applicable

Or tick the corresponding box if the materials meet the requirements provided when using a FB:

☒ Multi-layer plastics (Article 13 (2), (3) and (4) of (EU) Regulation N° 10/2011)

☐ Multi-layer materials (Article 14 (2), (3) and (3) of (EU) Regulation N°10/2011)

☐ The material covered by this declaration is to be used only behind a functional barrier

This declaration is valid on condition that there is no modification of material composition, that its intended use has not changed and in the absence of regulatory changes.

Compliance is understood to be subject to compliance with the conditions of storage, handling and use, taking into account the specific characteristics of the material or item, and the conditions such as prescribed by professional practices or codes.

In the event of changes to the nature of the packaged product, its composition or its intended use, as well as in the event of a change in the conditions for using the material or the item, the person for whom this declaration is intended must ensure the compatibility packaging / content for which s/he then accepts responsibility.

Signed in Eulmont September 19th, 2023

(Company stamp and signature)



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7. TROUBLESHOOTING AND ASSISTANCE

This chapter contains the following topics:

- Solving the most common problems
- Instructions for requesting interventions and ordering spare parts

7.1. Solving the most common problems

7.1.1. Discomfort using the exoskeleton

MATE XT does not properly fit the anthropometry of the user. Most likely MATE XT wasn't properly regulated on the user anthropometry.

Refer to MATE XT user manual for proper exoskeleton regulation in order to understand how to adjust it.

The exoskeleton must be adjusted before assembling the cover, see paragraph 4.3.

7.1.2. Can't move the arm when the MATE XT is worn

The user probably forgot to unlock the active box of the blocked arm.

The active box must be unlocked before assembling the cover, see paragraph 4.3.2.

7.1.3. Unable / difficulty to assemble the cover on the exoskeleton

Follow meticulously the instructions provided in paragraph 4.3.2.

7.2. Instructions for requesting interventions and ordering spare parts

If the problem encountered is not in the list previously mentioned or in cases where the anomalies and/or improper situations cannot be resolved by the customer, it is advisable to request the intervention of the COMAU Assistance Service personnel.

Ordering spare parts or requesting repairs must be made through the Office:

COMAU S.p.A.
Customer Service
Via Rivalta, 30
10095 Grugliasco (TO) – ITALY
www.comau.com/it/contact-us/customer-service/