

# RESQ

EN



## VACUUM SOLUTIONS GUIDE

## VACCUM SOLUTIONS GUIDE

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# 1. Introduction

When sealing the rescue equipment in one of RESQ vacuum solutions, the unit will be protected from moisture by condensation, UV-light and abrasion by fixation from internal movement. We can therefore extend the service intervals of the content. This will extend the lifetime of the content by 3-10 years before replacement or service of the equipment, depending on type of equipment and vacuum solution.

This document will provide guidance to your specific equipment and vacuum packaging solution. Also specific recycling or re-use procedures when reaching end of life or service interval.

**This document supersedes lifetimes stated in the user instruction when vacuum packed when intact.**

# 2. Inspection

A Competent person should be authorized by Cresto Safety or Cresto Safety authorized partner to inspect RESQ vacuum solution.

The vacuum must be inspected at least once every 12 months and documented in accordance with the user manual under chapter "Inspection- and user log"

Contact Cresto Safety for further information on how to become authorized for inspection.

# 3. Service

Special training by Cresto Safety is mandatory to become authorized to re-seal our vacuum packaging solutions.

Contact Cresto Safety for further information on how to become authorized for inspection.

# 4. Use

The temperature range marked on the devices and described in the user instruction, stems from the certification tests when the device has been soaked in water and then frozen for 4 hours in the temperature marked on the device to verify that the function remains.

When the equipment is stored in vacuum, protected against moisture and water, it is possible to use the devices at up to -40°C. In wet and very cold conditions see the temperature range on the device.

# 5. RESQ Smartline X Vacuum

Extension from 7 years to 10 years with vacuum inspection every 12 month.



Figure 1

## 5.1 MARKING AND LABELS

On top of the aluminum foil bag you will find two next inspection labels, for the unit (white label) and for the vacuum (green label), stating next inspection in month and year. See figure 1.

Next inspection labels for the next 9 inspections are located inside the user manual. See figure 2.

Individual marking of the Smartline X is located on the backside of the PVC bag and a copy on the aluminum foil inside the bag, see figure 3.

Figure 2

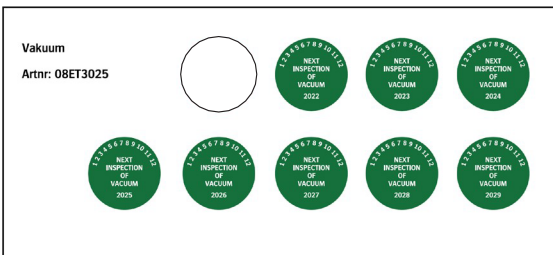


Figure 3



## 52 INSPECTION- AND USER LOG

Register the inspection in the user manual under chapter 10. Date the inspection, log item e.g. vacuum inspection, name and signature of the competent person and date for next inspection.

**Note:** All languages in the user manual have an inspection- and user log.

## 53 DAMAGED FOIL BAG

If the foil bag for some reason is punctured, the equipment must be sent to Cresto Safety for inspection and re-seal.

## 54 SERVICE

The Smartline X is not serviceable. If damaged or used the equipment should be discarded and recycled or re-used for other than as PPE/rescue.

## 55 RECYCLING

When the Smartline X has reached its end of life the equipment should be recycled locally or sent back to Cresto Safety or a Cresto Safety partner whomm will take care for the recycling process.

### 55.1 Additional recycling and sustainability information

**Rope:** (Aramid)

Cut and pull the rope thru the device, re-use for other application other than as PPE.

**Connectors:** (Aluminum)

Disconnect the connectors, re-use for other application other than as PPE.

**Body:** (Aluminum)

Disassemble the three screws holding the two side-plates together, recycle as aluminium.

**Handle:** (Nylon)

Recycle the handle as plastic.

**Sling:** (Aramid) optional (Polyester)

Recycle as plastic

**Bag:** (Polyester/PVC)

Re-use as storage. Recycle as plastic.

## 6. RESQ Vacuum Light

Extended inspection interval from 1 year to 5 years, with vacuum and moisture inspection every 12 month.



### 6.1 MARKING AND LABELS

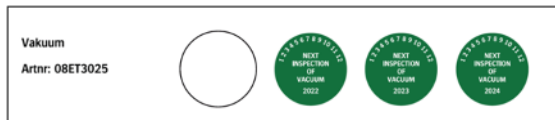
Inside the bag you will find a label on the transparent plastic bag with two next inspection fields, for the equipment and for the vacuum, stating next inspection in month and year. See figure 4.

Next inspection labels and seals for the next 4 inspections are located in the user instruction inside the bag. See figure 5.

Figure 4



Figure 5



## 6.2 INSPECTION- AND USER LOG

Open the bag to access the inspection kit inside the user instruction.

Use the next inspection vacuum label and mark the month of the coming year 12 month ahead. Place the label in the circle over “next inspection vacuum”.

Register the inspection in the user manual under the chapter “Inspection- and user log”. Date the inspection, log item e.g. vacuum inspection, name and signature of the competent person and date for next inspection.

**Note:** All languages in the user manual have an inspection- and user log.

## 6.3 DAMAGED BAG

If the transparent bag for some reason is punctured or the moisture indicator card shows 50% marking, the equipment must be sent to Cresto Safety or Cresto Safety authorized service partner for inspection and re-seal.

## 6.4 SERVICE

Most of the RESQ automatic evacuation- and rescue equipment are serviceable. If damaged or used the equipment should be sent to Cresto Safety or Cresto Safety authorized service partner for inspection, service and re-seal.

Maximum life of the RESQ models in vacuum including services is 5 + 5 Years up to 15 Years:

## 6.5 RECYCLING

When the RESQ equipment has reached its end of life the equipment should be recycled locally or sent back to Cresto Safety or a Cresto Safety partner whom will take care for the recycling process.

### 6.5.1 ADDITIONAL RECYCLING AND SUSTAINABILITY INFORMATION

**Rope:** (Polyamide)

Cut and pull the rope thru the device, re-use for other application other than as PPE.

**Connectors:** (Aluminum) (Steel)

Disconnect the connectors, re-use for other application other than as PPE.

**Body:** (Aluminum) (Steel)

Recycle as steel.

**Sling:** (Polyester)

Recycle as plastic.

**Bag:** (Polyester/PVC)

Re-use as storage. Recycle as plastic.

# 7. RESQ Vacuum Box

Extension from 4-6 years to 10 years with vacuum inspection every 12 month.

RED Pro X    RED Pro III    RED Pro MK1    DD-family    UniDrive    LiftEvac



## 7.1 MARKING AND LABELS

On top of box lid, you will find two next inspection fields, for the equipment and for the vacuum, stating next inspection in month and year. See figure 6.

Figure 6



## RESCUE & EVACUATION EQUIPMENT

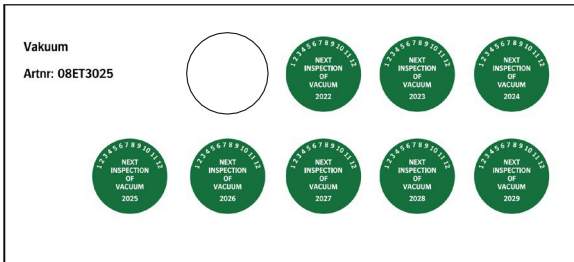
<p><b>RESQ RED Pro III</b> Art. no: 08883321250 Length: 150 m Serial no: 1234567 Date of manufacturing: 10-2019</p>	<p><b>DESCENT</b></p> <p>Pin inserted    Body inserted</p>	<p><b>LIFTING/HOISTING</b></p> <p>Instructions:</p>
	<p><b>RESQ</b> <small>MANUFACTURER</small> Sonderweg 10/12 44139 Datteln Tel: +49 2375 90 77 0 www.resqgroup.com</p>	<p>10-2020</p> <p><b>NEXT INSPECTION EQUIPMENT</b>    <b>NEXT INSPECTION VACUUM</b></p>



Next inspection labels and seals for the next 9 inspections are located inside the box together with the user manual. See figure 7.

Individual marking of the equipment is located on the box lid a copy on the aluminum foil inside the carrying bag on the aluminum foil bag.

**Figure 7**



## 7.2 INSPECTION- AND USER LOG

Break the box seal to open the box to access the inspection kit and user instructions.

Use the next inspection vacuum label and mark the month of the coming year 12 month ahead. Place the label in the circle over “next inspection vacuum”.

Register the inspection in the user manual under the chapter “Inspection- and user log”. Date the inspection, log item e.g. vacuum inspection, name and signature of the competent person and date for next inspection.

**Note:** All languages in the user manual have an inspection- and user log.

## 7.3 DAMAGED FOIL BAG

If the foil bag for some reason is punctured, the equipment must be sent to Cresto Safety or Cresto Safety authorized service partner for inspection and re-seal.

## 7.4 SERVICE

Most of the RESQ automatic evacuation- and rescue equipment are serviceable. If damaged or used the equipment should be sent to Cresto Safety or Cresto Safety authorized service partner for inspection, service and re-seal.

Maximum life of the RESQ models in vacuum including service is 10 + 10 Years (20 Years):

Possibilities of upgrading to Vacuum+ at the 10 year service reaching 10 + 15 years (25 Years)\*

\*If the Vacuum+ packaging system is applicable to the box. Otherwise, the box also must be replaced.

## 7.5 RECYCLING

When the RESQ equipment has reached its end of life the equipment should be recyc-

led locally or sent back to Cresto Safety or a Cresto Safety partner whomm will take care for the recycling process.

### **7.5.1 Additional recycling and sustainability information**

**Rope:** (Polyamide)

Cut and pull the rope thru the device, re-use for other application other than as PPE.

**Connectors:** (Aluminum) (Steel)

Disconnect the connectors, re-use for other application other than as PPE.

**Body:** (Aluminum) (Stainless steel) (Steel)

Recycle as steel.

**Handle:** (Nylon)

Recycle the handle as plastic.

**Sling:** (Polyester)

Recycle as plastic.

**Bag:** (Polyester/PVC)

Re-use as storage. Recycle as plastic.

**Accessories:** (Stainless steel) (Aluminum) (Steel)

Re-use for other than PPE. Recycle as steel.

**Box:** (Polypropylene) optional (Aluminum)

Re-use as storage. Recycled as PP5.

# 8. RESQ Vacuum Lifting bag

Extension from 4-6 years to 10 years with vacuum inspection every 12 month.

**Note:** The life span of the Lifting bag is limited to 5 Years, as lift approved.



Figure 8



## RESCUE & EVACUATION EQUIPMENT

<p><b>RESQ RED Pro III</b>                  Art. no: 0888321250                  Length: 150 m                  Serial no: 1234567                  Date of manufacturing: 10-2019</p> <p><b>RESQ</b></p> <p><small>MANUFACTURER                  Dornier-Verlag AG                  Langgasse 100-104 • 70074 Stuttgart                  49 (0) 71 31 70 0                  49 (0) 71 31 70 100</small></p>	<p><b>DESCENT</b></p> <p>Top attached    Body attached</p> <p><b>NEXT INSPECTION EQUIPMENT</b></p>	<p><b>LIFTING/HOISTING</b></p> <p>Instructions</p> <p><b>NEXT INSPECTION VACUUM</b></p> <p><b>FOR EMERGENCY USE ONLY!</b>  <b>DO NOT STEP OR STAND ON THIS BOX</b>  <b>THIS SIDE UP</b></p>
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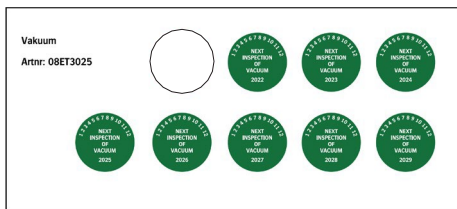
## 81 MARKING AND LABELS

On the side of the Lifting bag, you will find a transparent pouch with the markings and inspection information, two next inspection labels, for the unit (white label) and for the vacuum (green label), stating next inspection in month and year. See figure 8.

Next inspection labels for the next 9 inspections are located inside the lifting bag together with the user manual. See figure 9.

Individual marking of the equipment is located on marking card, a copy on the aluminum foil inside the lifting bag on the aluminum foil bag.

**Figure 9**



## **8.2 INSPECTION- AND USER LOG**

Open the transparent pouch and pull out the marking card, open the lifting bag to access the inspection labels and user instruction.

Use the next inspection vacuum label and mark the month of the coming year 12 month ahead. Place the label in the circle over “next inspection vacuum”.

Register the inspection in the user manual under the chapter “Inspection- and user log”. Date the inspection, log item e.g. vacuum inspection, name and signature of the competent person and date for next inspection.

**Note:** All languages in the user manual have an inspection- and user log.

## **8.3 DAMAGED FOIL BAG**

If the foil bag for some reason is punctured, the equipment must be sent to Cresto Safety or Cresto Safety authorized service partner for inspection and re-seal.

## **8.4 SERVICE**

Most of the RESQ automatic evacuation- and rescue equipment are serviceable. If damaged or used the equipment should be sent to Cresto Safety or Cresto Safety authorized service partner for inspection, service and re-seal.

Maximum life of the RESQ models in vacuum including service is 10 + 10 Years (20 Years):

## **8.5 RECYCLING**

When the RESQ equipment has reached its end of life the equipment should be recycled locally or sent back to Cresto Safety or a Cresto Safety partner whomm will take care for the recycling process.

### **8.5.1 Additional recycling and sustainability information**

**Rope:** (Polyamide)

Cut and pull the rope thru the device, re-use for other application other than as PPE.

**Connectors:** (Aluminum) (Steel)

Disconnect the connectors, re-use for other application other than as PPE.

**Body:** (Aluminum) (Stainless steel) (Steel)

Recycle as steel.

**Handle:** (Nylon)

Recycle the handle as plastic.

**Sling:** (Polyester)

Recycle as plastic.

**Bag:** (Polyester/PVC)

Re-use as storage. Recycle as plastic.

**Accessories:** (Stainless steel) (Aluminum) (Steel)

Re-use for other than PPE. Recycle as steel.

# 9. RESQ Vacuum+ Box

Extension from 4-6 years to 15 years with vacuum inspection every 12 month.

RED Pro X    RED Pro III    RED Pro MK1



## 9.1 MARKING AND LABELS

On top of box lid, you will find two next inspection fields, for the equipment and for the vacuum, stating next inspection in month and year. See figure 10.

Next inspection labels and seals for the next 14 inspections are located inside the box together with the user manual. See figure 11.

Individual marking of the equipment is located on the box lid a copy on the aluminum foil inside the carrying bag on the aluminum foil bag.

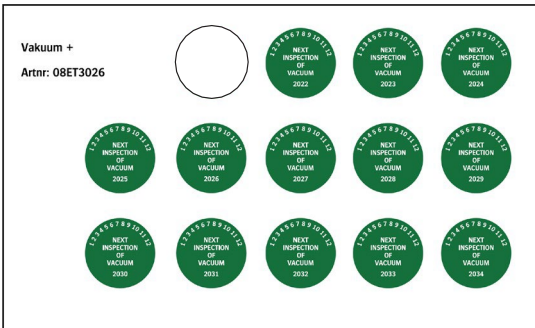
Figure 10



## RESCUE & EVACUATION EQUIPMENT

<p><b>RESQ RED Pro III</b> Art. no: 08883321290 Length: 150 m Serial no: 1234567 Date of manufacturing: 10-2019</p>	<p><b>DESCENT</b></p> <p>Top mounted    Body mounted</p>	<p><b>LIFTING/HOISTING</b></p> <p>Instructions</p>
	<p><b>MANUFACTURER</b> RESQ Via S. Lucia, 10000, S. Lucia, Brescia +39 030 4010100 resq@resqvacuum.com</p>	<p><b>NEXT INSPECTION EQUIPMENT</b></p> <p>10-2020</p> <p><b>NEXT INSPECTION VACUUM</b></p>

**Figure 11**



## 9.2 INSPECTION- AND USER LOG

Break the box seal to open the box to access the inspection kit and user instructions.

Use the next inspection vacuum label and mark the month of the coming year 12 month ahead. Place the label in the circle over “next inspection vacuum”.

Register the inspection in the user manual under the chapter “Inspection- and user log”. Date the inspection, log item e.g. vacuum inspection, name and signature of the competent person and date for next inspection.

**Note:** All languages in the user manual have an inspection- and user log.

## 9.3 DAMAGED FOIL BAG

If the foil bag for some reason is punctured, the equipment must be sent to Cresto Safety or Cresto Safety authorized service partner for inspection and re-seal.

## 9.4 SERVICE

Most of the RESQ automatic evacuation- and rescue equipment are serviceable. If damaged or used the equipment should be sent to Cresto Safety or Cresto Safety authorized service partner for inspection, service and re-seal.

Maximum life of the RESQ models in vacuum including service is 15 + 15 Years (30 Years)

## 9.5 RECYCLING

When the RESQ equipment has reached its end of life the equipment should be recycled locally or sent back to Cresto Safety or a Cresto Safety partner whom will take care for the recycling process.

### 9.5.1 Additional recycling and sustainability information

**Rope:** (Polyamide)

Cut and pull the rope thru the device, re-use for other application other than as PPE.

**Connectors:** (Aluminum) (Steel)

Disconnect the connectors, re-use for other application other than as PPE.

**Body:** (Aluminum) (Stainless steel) (Steel).

Recycle as steel.

**Handle:** (Nylon)

Recycle the handle as plastic.

**Sling:** (Polyester)

Recycle as plastic.

**Bag:** (Polyester/PVC)

Re-use as storage. Recycle as plastic.

**Accessories:** (Stainless steel) (Aluminum) (Steel)

Re-use for other than PPE. Recycle as steel.

**Box:** (Polypropylene) optional Aluminum.

Re-use as storage. Recycled as PP5.



# 10.RESQ SOLO X Vacuum+

Extension from 10 years to 15 years with vacuum inspection every 12 month.



## 10.1 MARKING AND LABELS

On top of the aluminum foil bag you will find two next inspection labels, for the unit (white label) and for the vacuum (green label), stating next inspection in month and year.

Next inspection labels for the next 14 inspections are located inside the user manual.



Individual marking of the SOLO X is located on the backside of the PVC bag and a copy on the aluminum foil inside the bag.

Evacuation equipment

## RESQ SOLO X Wind 200m

08110222200

D.o.M: 2024-10

S/N:

CE 0511



EN341:2011/1D  
ANSI/ASSE Z359.4:2013

00000000000001

BATCH: 123456



RESQ

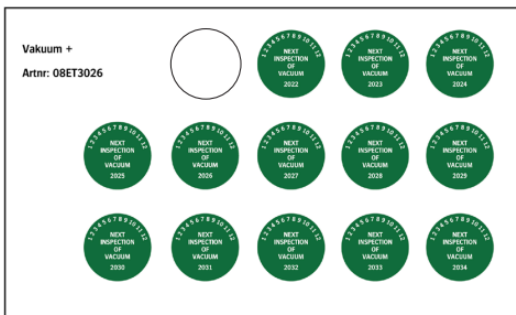
For single use only!

Min/max load: 30kg/141kg  
Min temperature: -40°C  
Cresto Group AB, Chabasgatan 16  
SE-254 88 Helsingborg, Sweden  
+46 (0)42 56 300  
www.crestosafety.com

## 10.2 INSPECTION- AND USER LOG

Register the inspection in the user manual under chapter 10. Date the inspection, log item e.g. vacuum inspection, name and signature of the competent person and date for next inspection.

**Note:** all languages in the user manual have an inspection- and user log.



## 10.3 DAMAGED FOIL BAG

If the foil bag for some reason is punctured, the equipment must be sent to Cresto Safety for inspection and re-seal.

## 10.4 SERVICE

Most of the RESQ automatic evacuation- and rescue equipment are serviceable. If damaged or used the equipment should be sent to Cresto Safety or Cresto Safety authorized service partner for inspection, service and re-seal.

Maximum life of the RESQ SOLO X models in vacuum including service is 15 + 15 Years (30 Years)

## 10.5 RECYCLING

When the SOLO X has reached its end of life the equipment should be recycled locally or sent back to Cresto Safet or a Cresto Safety partner whom will take care for the recycling process.

## 1051 Additional recycling and sustainability information

**Rope:** (Aramid)

Cut and pull the rope thru the device, re-use for other application other than as PPE or send it to Cresto Safety for recycling.

**Connectors:** (Steel) optional (Aluminum)

Disconnect the connectors, re-use for other application other than as PPE.

**Body:** (Aluminum)

Disassemble the three screws holding the two side-plates together, recycle as aluminum.

**Sling:** (Aramid and Polyester) optional (Polyester)

Recycle as plastic.

**Bag:** (Polyester/PVC)

Re-use as storage. Recycle as plastic.





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