

Even if this glove is provided with an internal membrane ensuring its complete impermeability, it is advisable not to use the glove again until the outer fabric becomes completely dry in the event of a prolonged contact with liquid nitrogen. In case of flexions in cold conditions it is possible that the inner membrane breaks, thus no longer granting the initial impermeability. The danger of burns by cold is linked to the quantity of liquid nitrogen as well as to the exposition time.

General product information

These gloves can be worn in direct skin contact and do not contain toxic, carcinogenic, mutagenic, or other substances that can affect the health or hygiene of the user adversely. No allergic reactions due to skin contact with this product are known. Due to limited water vapour transmission and water vapour absorption it is not recommended to wear for a prolonged period of time when performing work at a high activity level.

Protection limit

- Damages will most likely diminish the protection level of the gloves. Before usage carry out a glove's visual check to ascertain the glove's integrity and their as-new conditions. If the glove is damaged (visible evidences such as knitting defects, breaks or dirt) it **MUST BE REPLACED**. In conditions of use or in particularly harsh environments with special situations it is possible that the glove undergoes sudden and rapid deterioration not provided by the manufacturer and therefore can not establish an expiry date, but it is strongly recommended to replace the gloves every 2 years.
- The protection warranty applies only to the risks and hazards mentioned in this document.
- Protection against risks or hazards not mentioned in this document is therefore unwarranted. The levels of performance mentioned are only valid for gloves that are new, and in their original condition (i.e., have not been repaired).
- These levels of performance were achieved from tests done according to conditions defined by the applicable standards.
- For gloves that have multiple layers of material, performance levels are guaranteed for the whole glove, not for individual layers. Therefore in case of damage/destruction of the external layer, the gloves **MUST BE REPLACED**.






- To decrease the risk of injury, gloves should not be worn around or when operating machines with moving parts.
- These gloves should be kept away from fire.

Storage and cleaning

Gloves should be stored in their original packaging and away from heat, cold, and humidity. Gloves must also be kept in areas that are clean and well-ventilated. These gloves are not suitable for washing. Wipe of dirt with a wet cloth and flat dry.

Explanation of the symbols

Cleaning is not recommended, the glove is not washable.

	Do not wash
	Do not bleach
	Do not tumble dry
	Do not iron
	Do not dry clean

Disclaimer

Scandia Gear is not liable for damages that result from the improper use of these products.

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SCANKRYO GAUNTLET PRO



User's Instruction

www.scandiagear.com

ROTTERDAM SINGAPORE HOUSTON DUBAI

SINCE 1974

MARITIME OUTFITTERS

Scandia 

SCANKRYO GAUNTLET PRO

Glove reference

SCANKRYO GAUNTLET PRO

Available sizes

8/M - 9/L - 10/XL

Glove description

Insulating waterproof gauntlets suitable for cryogenic use.

These gloves concern personal protective equipment items of hazard category III.

The Gauntlets referred to in this user instructions, belong to Category III and are subject to the annual inspection conducted by the Notified Body, Ricotest - Italy.

The gauntlets comply with the essential health and safety requirements of Regulation 2016/425 concerning Personal Protective Equipment (PPE) and have been subjected to a EU-type Examination performed by:

Ricotest

Via Tione, 9 - 37010

Pastrengo, Verona, Italy

N.B. number : 0498

The EU Declaration of Conformity (DOC) can be found at the Scandia Gear website (www.scandiagear.com), under the Scandia product name ScanKryo Gauntlet Pro and through the link "Declaration of Conformity".

Applicable standards

These gloves are designed for cryogenic use and are suitable for the handling of liquid nitrogen. The test has been performed according to a RCT internal method with simulation of splashes of liquid nitrogen. These gloves meet the requirements of the standard EN ISO 21420:2020 "General requirements and test methods". Obtained level of dexterity: Level 1. (min. level 1 - max. level 5). They have been designed for the following applications:

EN 388:2016
+A1:2018



1243X

EN 388:2016+A1:2018
Mechanical hazards

This standard specifies test methods and performance requirements for gloves which offer protection against mechanical hazards of abrasion, blade cut, tear and puncture.

Levels of performance (of which 4/5 is the highest achievable level):

Abrasion resistance (level 1-4): **1**

Blade cut resistance (level 1-5): **2**

Tear resistance (level 1-4): **4**

Puncture resistance (level 1-4): **3**

Resistance to cutting by sharp objects

(EN ISO 13997:1999) (level A - F): **X***

*X = performance not tested or not applicable

Note:

Above performance levels are met in new condition

EN 511
:2006



111

EN 511:2006
Cold protection

This Standard specifies test methods and performance requirements for gloves which offer protection against cold related hazards.

Levels of performance (of which level 4 is the highest achievable level for convective and contact cold):

Resistance to convective cold : **1**

Resistance to contact cold : **1**

Water penetration

(Level 1 - pass or 0 - no protection): **1**

Note:

Above performance levels are met in new condition

CE Marking explanation

- Name / Trademark of the manufacturer
- CE Marking attesting PPE conformity to Regulation (EU) 2016/425 + nr. identifying the Notified Body in charge of the annual control of the PPE as per Module C2 of the EU Regulation + pictogram inviting to read the User Manual



- Item designation and size according to EN ISO 21420 + indication of commercial size
- Indication of the Standards against which the gloves have been tested + pictograms of EN 388 (protective gloves against mechanical risks) and of EN 511 (protective gloves against cold) with indication of the performance levels reached during laboratory tests.
- Material composition and negative care label symbols
- Production date with pictogram of the industry + batch number
- Purchase Order number
- Scandia Gear Europe B.V. Lorentzweg 31, 3208 LJ Spijkenisse, The Netherlands
- Website
- Country of production

Special note to Cryogenic use

The gauntlets are suitable for handling of liquid nitrogen and other liquid gases and offer protection against contact cold and burns in case of evaporation and leakage (splashing) of liquid gas. Please note that the hazards linked to the handling of liquid cryogenic gases depend on the extremely low temperatures of such gases. The gloves are resistant to water penetration and made of a special laminated material with an internal insulative layer to protect against cold and water.

Warning : Do not emerge into Liquid Nitrogen!

Although the gloves withstand contact with little splashes of liquid nitrogen, the contact with such substance must be casual: do not put the glove into liquid nitrogen!!! Due to the contact with liquid nitrogen the materials the gloves are made of become rigid: in case of contact make sure that the glove has kept its original softness after 50/60 seconds and that there are no cracks/holes.