

Product Data Sheet

CryoSkin® Industrial Gloves

The Cryoskin Industrial gloves have been designed to provide splash and short-term protection when working with cryogenic liquids, such as liquid nitrogen and other cryogenic hazards.

With an all-new woven knitted aramid palm, the high abrasion resistance safeguards workers against rough surfaces.

CryoSkin® Industrial gloves and apron are made from a combination of technical, state of the art materials. The unique multilayer construction maximises thermal protection without compromising dexterity and comfort.

Features

- Provides splash and short-term exposure to cryogenic liquids.
- Cryogenic protection for ultra-cold applications down to -196°C. Backed by in-house testing.
- Waterproof, breathable outer shell material with Porelle® moisture barrier
- 3M™ Thinsulate™ Thermal Liner provides moisture wicking and comfort over extended periods
- High abrasion resistant palm safeguards against rough surfaces
- Sizes: MED, LRG, XLG, 2XL



Materials

- Outer: Polyester with PU Coating
- Palm: Cut Resistant Woven Aramid
- Moisture Barrier: Porelle® ePTFE waterproof & breathable membrane
- Thermal Liner: 3M™ Thinsulate™

Applications

Cryoskin® gloves are ideal for Liquid Nitrogen handling, Servicing of Cryogenic Systems, Handling of LNG, working at LNG facilities and in oil and gas as well as Pharmaceutical applications.

Testing and Certification

CryoSkin® Industrial gloves have been independently tested and are Certified by BSI to the AS/NZS 2161.3:2020 (EN388:2016) and EN511:2020 and EN21420:2020.

Part Number	Size
CSGIND36MED	MED
CSGIND36LRG	LRG
CSGIND36XLG	XLG
CSGIND362XL	2XL



Product Data Sheet

IMPORTANT: These gloves have been specifically designed for use when handling liquid gas where there is no risk of ignition. The user should not be exposed to low temperatures for extended periods of time. No gloves designed to protect against cryogenic liquids should be purposefully immersed in cryogenic liquids.

These gloves have been designed to protect the hands in the working environment in accordance with EN388:2016, EN420:2003+A1:2009 for physical and mechanical aggressions and EN511:2006 for cold. When selecting a glove based on risk analysis it should be understood that the protection is limited to the risk level and standards mentioned above.

Precautions for use

1. It is recommended to check that the gloves are suitable for the intended use, because the conditions of use in the workplace may differ from the tests performed in the laboratory.
2. New and used gloves should be thoroughly inspected before use. Avoid using heavily soiled, damaged or worn gloves.
3. Put the gloves on dry, clean hands.
4. Ensure the insides of the gloves are dry before putting them on again.
5. These gloves have a high resistance to tearing and should not be used if likely to be caught in moving machinery.

Care Instructions

Cleaning

Washing is not recommended. Do not wring. Do not tumble dry. Do not use bleach. Gloves may be rinsed in water and allowed to drip dry in ambient temperatures. Reshape whilst still damp.

Storage

1. Store gloves in original packaging, in a dry and cool place.
2. Keep away from direct sunlight, heat and flame.

Warnings

Guidance on maximum permissible exposure time to cold temperatures is given in Annex B of EN 511:2006. These gloves have been specifically designed for use when handling non-flammable liquid gas and the user should not be exposed to the low temperatures for sustained periods. Not intended for immersion in liquid nitrogen or other cryogenic liquids.

Test results apply to the gloves in the as received condition and may differ if cleaned. Do not use near moving machinery due to entanglement hazard. Overall classification may not reflect the performance of only the outermost layer. These gloves are not suitable for protection against sharply pointed objects such as hypodermic needles. Gloves may lose their insulative properties when wet inside so always place dry hands inside the gloves.