cryokit®

CRYOGENIC PROTECTION

CRYOLITE-HPS

CRYOGENIC PROTECTION, EXTREME COLD AND HEAT

- **Suitable for Liquid Nitrogen (LN2)**
- **Suitable for Liquid Oxygen (LOX)**

$C \in 0498$

EN388	EN511	EN 407
3332X	221	X2XXXX

CRYOLITE-HP is a fully waterproof glove to protect the hand and forearm in operations that involve the use of liquid nitrogen (or other cryogenic gases) and heat.

Made by materials specifically designated for this application, it keeps the hands warm and dry for long periods of use. Tested, with success, by contact with liquid nitrogen (-195.82 ° C) for one minute and following test of flexibility (RCT method).

Suitable for contact with Liquid Oxygen (Oxygen Index, Test Report 166/2016 Dipartimento di Ingegneria UNIPD.
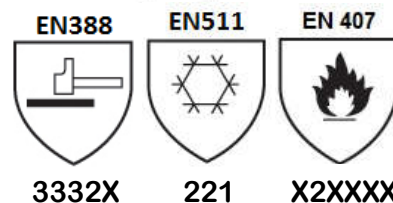
The multilayered construction allows a high level of thermal protection, flexibility and dexterity from -200 ° C to 250 ° C.

CE certified in 3rd cat.

Warning! Persons handling cryogenic gases must be familiar with the risks that they involve, and should be adequately trained to handle security operations. Must also be established emergency procedures and adequate training of all functioning equipment. The cryogenic gas should never be handled without proper protective equipment.

Caution! Not intended for immersion in liquid nitrogen or other cryogenic liquid.

Features

The glove is made by a special water repellent treated leather. Special inner membrane which allows perspiration but does not allow liquids to penetrate inside. Palm and finger are covered by a special aramid silicon fabric that offers durability and good grip. The thermal protection is ensured by an inner lining made of soft composit multilayer fabric. Adjustable leather cuff with Velcro system. Total glove length 38 cm.

Applications

Suitable for all work in presence of liquid nitrogen and other cryogenic gas, to prevent contact cold and burns in the event of leakage of the liquid. Suitable for contact with ultracold and heat objects:
- Food industry
- Gas Production
- Gas transport
- Chemical industry

Code/Sizes
CRYOLITE-HPS   8 – 9 – 10 - 11