

Data Sheet: Extreme Industrial Cryogenic Gloves

Extreme Industrial Cryogenic gloves are a heavy duty glove designed for use in demanding and strenuous environments, where durability and abrasion resistance is required.

Typically they are used for handling items stored in the vapour stage of liquid nitrogen (ranging from -120° C to -190° C).

The superb insulation consists of an outer layer of woven polyamide, which has a waterproof coating to resist condensed water on cold surfaces, and a membrane to prevent the ingress of liquids.

The middle layer is of a special polyolefin / polyester micro fibre, which is almost twice as effective in thermal insulation as a similar thickness of down. This minimises thermal transfer without being so thick as to be excessively cumbersome.

The inner layer is of a cotton for comfortable wear. The wrist length gloves have a knitted cuff, to provide added protection.

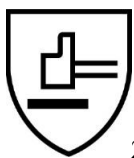
Warning: Never immerse gloves in liquid cryogenic fluids.

Limits of Use: The maximum duration of exposure at ultra-cold temperatures is dependent on many variables, including atmospheric conditions, the task being performed and the user’s physiology. The thermal flux transmitted through the glove is sufficiently low to allow the user adequate time to safely remove themselves from the hazard. When selecting gloves based on risk analysis, it should be understood that the protection is limited to the risk level and standards mentioned below.

Care Instructions: Store in a clean dry space. Do not machine wash or dry.

Cryogenic gloves are made in accordance to EN ISO 21420:2020 and have been tested to EN388:2016 + A1:2018 and EN511:2006. They meet the criteria for CE and UKCA marking (in accordance with EU REGULATION: 2016/425).

The gloves are Category III which means that they protect against risks that may cause very serious consequences, such as death or irreversible damage to health.



2X4XX

EN388



231

EN511



Size:		Wrist (30cm)	Mid Arm (37cm)	Elbow(50cm)
Medium	9	220261	220265	220269
Large	10	220262	220266	220270
Extra Large	11	220263	220267	220271



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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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