TEMPSHIELD®

CRYO-PROTECTION ®

Product Specification: Cryo-Gloves®

Description: Cryo-Gloves® are multi-layer insulated cryogenic gloves. They are available in four styles and six sizes in each style. The outer shell is royal blue in color.

- The Wrist (WR) style glove incorporates a nylon Cordura® knit wrist cuff.
- The Mid-Arm (MA) style glove has an insulated gauntlet type cuff that extends to mid forearm.
- The Elbow (EB) style glove has an insulated gauntlet type cuff that extends to the elbow.
- The Shoulder (SH) style glove has an insulated gauntlet type cuff that extends to the shoulder.

Statement of Use: Cryo-Gloves® are designed to provide a high level of protection to the hands and arms from extremely cold temperatures, both in cold atmospheres and from transmission of cold through direct contact with cold objects. The gloves are intended for use in a variety of applications and under a wide range of conditions.

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.
Warning: Cryo-Gloves® are not designed to allow immersion of the hands and arms in liquid nitrogen (LN_2) or other liquid cryogens. These gloves may lose their insulative properties when wet. They do not protect against heat; do not use near open flames or ignition sources

Materials: The outer shell is a 2-layer bi-component material consisting of nylon Taslan with a liquid proof, breathable membrane on the inner surface. The nylon Taslan is treated on the outside with a durable water repellent finish. The inner hand component consists of 3 layers: 2 layers of non-woven synthetic insulation material and a lining material that is insulative and wicks moisture away from the skin. The inner cuffs of all styles except the Wrist style contain a single layer of insulation material, a scrim backing and a nylon taffeta lining.

Construction: Cryo-Gloves® are of sewn construction, comprised of an outer shell and an inner insulated glove which are joined together at the cuff opening.

Care Instructions: Store in a clean dry space. Do not store underneath heavy objects that could compress the insulation. Do not machine wash or dry. Do not autoclave.

Packaging: Cryo-Gloves® are packaged in pairs in polybags. Available by the pair or case, a case is 10 pairs of 1 style / size. For shipping: Individually packaged pairs of gloves shall be additionally packaged in a suitable packing carton constructed to meet all applicable freight requirements.

Labeling: Cryo-Gloves® are labeled on the outer shell with a woven label displaying the product name "Cryo-Gloves®" and the manufacturer name "Tempshield®". A Style / Size / CE / Care label is sewn inside the glove on the cuff seam.

Origin: Made in the USA

Cryo-Gloves® are ergonomically designed, absent of risks and nuisance factors, contain no materials known to cause allergies or health hazards, and are comfortable to wear for extended periods.

Cryo-Gloves® Available styles and sizes:

Style / Size: U.S. EN 420			Length: mm / in.	Style / Size: U.S. EN 420			Length: mm / in.	Style / Size: U.S. EN 420			Length: mm / in.	Style / Size: U.S. EN 420			Length: mm / in.
Wrist Length				**Mid-Arm Length**				**Elbow Length**				**Shoulder Length**			
WRS	S	8	287 / 11.3	MAS	S	8	342 / 13.5	EBS	S	8	444 / 17.5	SHS	S	8	628 / 24.7
WRM	M	9	296 / 11.6	MAM	M	9	351 / 13.8	EBM	M	9	453 / 17.8	SHM	M	9	637 / 25.1
WRL	L	10	312 / 12.3	MAL	L	10	378 / 14.9	EBL	L	10	482 / 19.0	SHL	L	10	678 / 26.7
WRXL	XL	11	325 / 12.8	MAXL	XL	11	391 / 15.4	EBXL	XL	11	495 / 19.5	SHXL	XL	11	691 / 27.2
WRXXL	XXL	12	325 / 12.8	MAXXL	XXL	12	391 / 15.4	EBXXL	XXL	12	495 / 19.5	SHXXL	XXL	12	691 / 27.2
WR3XL	3XL	13	325 / 12.8	MA3XL	3XL	13	391 / 15.4	EB3XL	3XL	13	495 / 19.5	SH3XL	3XL	13	691 / 27.2

CE 2895 EN 420 EN 388 EN 511

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