

TEMPSHIELD®

CRYO-PROTECTION™

Product Specification: Cryo-Gloves®

Description: Cryo-Gloves® are multi-layer insulated cryogenic gloves. They are available in four styles and four 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 users 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 for immersion in liquid nitrogen (LN₂) or other liquid cryogens. These gloves may lose their insulative properties when wet.

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 outer surface of the material is treated with a durable water repellent finish. The inner hand component of the glove 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.

Packaging: Cryo-Gloves® are packaged in pairs in poly bags. Available by the pair or case. A case is 10 pair of 1 size / style. 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, Inc”. A Care / CE / Size / Model label is sewn into the hem on the inside of the cuff.

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 sizes and styles:							
Model / Size: U.S. EN 420	Length: mm / in.	Model / Size: U.S. EN 420	Length: mm / in.	Model / Size: U.S. EN 420	Length: mm / in.	Model / Size: U.S. EN 420	Length: mm / in.
Wrist Length		Mid-Arm Length		Elbow Length		Shoulder Length	
WRS S 8	289 / 11.4	MAS S 8	338 / 13.7	EBS S 8	441 / 17.4	SHS S 8	627 / 24.8
WRM M 9	295 / 11.6	MAM M 9	351 / 13.8	EBM M 9	452 / 17.8	SHM M 9	630 / 24.8
WRL L 10	305 / 12.0	MAL L 10	378 / 14.9	EBL L 10	479 / 18.8	SHL L 10	673 / 26.5
WRXL XL 11	318 / 12.5	MAXL XL 11	386 / 15.2	EBXL XL 11	486 / 19.1	SHXL XL 11	686 / 27.0

CE 0338

EN 420



EN 388



EN 511

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