

Product Specification: Waterproof Cryo-Gloves®

Description: Waterproof Cryo-Gloves® are multi-layer insulated cryogenic gloves. They are available in four styles and six sizes in each style. The outer shell is 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: Waterproof 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’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: Waterproof Cryo-Gloves® are not designed to allow immersion of the hands and arms in liquid nitrogen (LN₂) or other liquid cryogens. 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 glove liner is constructed from a thin, flexible, seamless, breathable waterproof membrane. 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: Waterproof Cryo-Gloves® are of sewn construction, comprised of an outer shell, a seamless, breathable waterproof glove liner, 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: Waterproof 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: A woven label is sewn on the outer shell displaying the product name “Waterproof Cryo-Gloves®” and the manufacturer “Tempshield®”. A Style / Size / CE / Care label is sewn inside the glove on the cuff seam.

Origin: Made in the USA

Waterproof 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.

Waterproof 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	
WRSWP S 8	287 / 11.3	MASWP S 8	342 / 13.5	EBSWP S 8	444 / 17.5	SHSWP S 8	628 / 24.7
WRMWP M 9	296 / 11.6	MAMWP M 9	351 / 13.8	EBMWP M 9	453 / 17.8	SHMWP M 9	637 / 25.1
WRLWP L 10	312 / 12.3	MALWP L 10	378 / 14.9	EBLWP L 10	482 / 19.0	SHLWP L 10	678 / 26.7
WRXLWP XL 11	325 / 12.8	MAXLWP XL 11	391 / 15.4	EBXLWP XL 11	495 / 19.5	SHXLWP XL 11	691 / 27.2
WRXXLWP XXL 12	325 / 12.8	MAXXLWP XXL 12	391 / 15.4	EBXXLWP XXL 12	495 / 19.5	SHXXLWP XXL 12	691 / 27.2
WR3XLWP 3XL 13	325 / 12.8	MA3XLWP 3XL 13	391 / 15.4	EB3XLWP 3XL 13	495 / 19.5	SH3XLWP 3XL 13	691 / 27.2

