

## Product Specification: Cryo-Industrial® Gloves

**Description:** Cryo-Industrial® Gloves are multi-layer insulated cryogenic gloves. They are available in three styles and three sizes in each style. The outer shell is navy blue in color with a black palm.

- The Wrist (CIW) style glove incorporates a nylon Cordura® wrist cuff.
- The Mid-Arm (CIM) style glove has an insulated gauntlet type cuff that extends to mid forearm.
- The Gauntlet (CIG) style glove has an insulated gauntlet type cuff with a cinch strap and extends almost to the elbow.

**Statement of Use:** Cryo-Industrial® 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 where abrasion resistance is required in a cryogenic glove.

**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-Industrial® Gloves are not designed for immersion in liquid nitrogen (LN<sub>2</sub>) or other liquid cryogens.

**Materials:** The outer shell is a 2-layer bi-component material consisting of nylon Cordura® with a waterproof, breathable membrane on the inner surface. The outer surface of the material is treated with a durable water repellent finish. The palm of the outer shell is a nylon Cordura® substrate impregnated with a neoprene / polymer compound. The glove liner is constructed from a thin, seamless, breathable waterproof membrane. 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 contain 1 layer of insulation, a scrim backing and a nylon taffeta lining.

**Construction:** Cryo-Industrial® 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-Industrial® Gloves are packaged in pairs in poly bags. Available by the pair or case (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-Industrial® Gloves are labeled on the outer shell with a woven label displaying the product name “Cryo-Industrial® 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-Industrial® 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-Industrial® 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.
<b><u>Wrist Length Style</u></b>		<b><u>Mid-Arm Style</u></b>		<b><u>Gauntlet Style</u></b>	
CIWMWP M 9	305 / 12.0	CIMMWP M 9	360 / 14.2	CIGMWP M 9	450 / 17.7
CIWLWP L 10	310 / 12.2	CIMLWP L 10	380 / 14.9	CIGLWP L 10	462 / 18.2
CIWXWP XL 11	326 / 12.8	CIMXLWP XL 11	387 / 15.2	CIGXWP XL 11	470 / 18.5