

# PRODUCT SPECIFICATION

## SAFETYWARE ThermoGard Liquid Silicone Gloves

- **Impressive Thermal Resistance:** Unlike ordinary silicone gloves, our ThermoGard HCG14 gloves provide a broader range of thermal protection, capable of withstanding temperatures from -50°C to 350°C. Whether you're working in a cold storage facility or managing high-temperature processes, these gloves have got you covered.
- **Superior Mechanical Strength:** Crafted with a high-strength, high-temperature-resistant acrylic/polyester blend, our seamless automatic woven inner lining not only matches but elevates the mechanical strength of the glove. Enjoy a snug, comfortable fit that's as robust as it is easy to wear.
- **AirGard™ Insulation:** Our revolutionary AirGard™ insulation offers a multilayer air-insulated structure within the glove, effectively minimizing heat transfer and maximizing comfort. This ensures your hands stay cool or warm, no matter the external conditions.
- **Exceptional Dry Grip:** Why compromise on safety? Our ThermoGard HCG14 gloves provide an excellent anti-slip grip, allowing you to work confidently in dry conditions.
- **Food-Safe & Bio-Neutral:** Safety comes first. Our silicone is not just heat-resistant but also food-contact grade, non-toxic, and odorless, making it ideal for high-temperature food processing, baking, BBQ, and more. Tested and passed German Food and Feed Code (LFGB) section 30 and 31 in which section 30 bans harmful toxic materials, while section 31 prevents substances from affecting food quality, taste, or appearance.

### TECHNICAL DATA

MATERIAL	Silicone with acrylic/polyester blend liner
COLOR	White
SIZES	M, L, XL
STANDARD	EN ISO 21420:2020 EN 388:2016+A1:2018 EN 407:2020 German Food and Feed Code (LFGB) Section 30 & 31

### APPLICATIONS

- Food Processing & Preparation
- Industrial Ovens & Furnaces
- Cold Storage Facilities
- Automotive Welding
- BBQ & Outdoor Cooking

Item Code: HCG14



### PERFORMANCE PROPERTIES

EN388	ABRASION	3
	BLADE CUT	3
	TEAR	3
	PUNCTURE	1
	CUT RESISTANCE METHOD (EN ISO 13997)	X

EN407	LIMITED FLAME SPREAD	4
	CONTACT HEAT	3
	CONVECTIVE HEAT	4
	RADIANT HEAT	X
	SMALL SPLASHES OF MOLTEN METAL	X
	LARGE QUANTITIES OF MOLTEN METAL	X

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It is the product users' responsibility to conduct all the appropriate evaluations & testing to determine the suitability of SAFETYWARE products for use in a particular environment or purpose. SAFETYWARE disclaims all warranties other than as expressly provided.

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