

A proprietary glove mold for natural hand movement

Cardinal Health™ Cleanroom Gloves combine innovation with state-of-the-art technology to help provide protection, performance and expertise when you need it most. In addition, wearer comfort is a top priority.

Taking wearer comfort into consideration, Cardinal Health developed a proprietary glove mold with performance in mind using an independent thumb feature that replicates the anatomical position of the resting hand. The thumb on the Cardinal Health™ Glove Mold is prominent and positioned away from, or in front of, the finger plane to allow for natural movement in the fingers, thumb and palm.

Independent study:

In order to demonstrate the benefit of this proprietary glove mold feature, Cardinal Health sponsored an independent study through a third-party lab comparing samples produced on two different glove molds — one with an independent thumb feature and the other without. The study simulated the flexion (i.e. movement towards the palm) and extension (i.e. movement away from the palm) of the thumb on an artificial hand, measuring the force required to flex and extend the thumb.

The results of the study demonstrated that the samples featuring the independent thumb required less force for similar displacements of the thumb than those without an independent thumb feature.¹

From protection to performance, we have you covered.

Visit cardinalhealth.com/cleanroomgloves to learn more about our gloves created on the Cardinal Health™ Glove Mold:

- **Esteem® CP Sterile Polyisoprene Cleanroom Gloves**
Recommended for ISO 6 / Class 1000 or higher
- **Duraprene™ CP Sterile Neoprene Cleanroom Gloves**
Recommended for ISO 5 / Class 100 or higher
- **Protegrity® CP Sterile Latex Glove with nitrile coating**
Recommended for ISO 6 / Class 1000 or higher

¹ Bennet, M. A. & Tekamp, D. A. Surgical Glove Comparison Testing. Stress Engineering Services. February 2012.

