



Patent Pending

# HoldFast™ Grab Bar & Hand Hold Grips

## Enhance Safety and Stability

**HoldFast™ Grips** provide enhanced safety and stability for Grab Bars, Walkers, and Hand Holds. Perfect for bathrooms, bedrooms, and environments where better grip enables safer personal movement.

### Our product provides:

- **Performance:** Proven gripping power improvements in dry, wet, & oily conditions
- **Comfort:** Reduces hand fatigue through micro-finger technology
- **Easy Application:** Patent pending technology that ensures ease of application
- **Durability:** Easily cleanable and durable





# Increase Friction in Any Condition

## Bare Handle Grip Power versus HoldFast Wrapped Handle Grip Power

The information in this chart is the same but presented from the perspective of end use conditions.



\*Gripping power measured in pounds of torque.

## Protocol for Cleaning, Disinfecting, and Sterilization Resistance of HoldFast™

To meet the requirements of various types of medical devices, different disinfecting and sterilization techniques were tested including heat, radiation, and chemical immersion.

Sterilization Method	Description	Protocol	Visual Inspection
Chemical Sterilizing Solutions	<ul style="list-style-type: none"> <li>3.4% Gluteraldehyde Solution</li> <li>0.55% o-Phthaldehyde Solution</li> <li>1% Hydrogen Peroxide and 0.8% peracetic Acid Solution</li> </ul>	For each solution, samples were immersed in the solution for 1 hour for 5 cycles, followed by a rinse with distilled water.	All Pass
	<ul style="list-style-type: none"> <li>Quatgernary Ammonium Chloride Solution</li> </ul>	Immersed for 1 minute for 5 cycles, followed by a rinse with distilled water.	Pass
Steam Autoclave	<ul style="list-style-type: none"> <li>Steam under pressure</li> <li>Temperature between 100-135 C</li> </ul>	Exposed to 3 cycles @ 250 F (121 C) for 20 minutes under 25 psi (172 kPa) pressure	Not Recommended
Gamma	<ul style="list-style-type: none"> <li>Gamma rays</li> <li>Cobalt 60 radiation source</li> <li>Ambient temperature</li> </ul>	Sample was exposed to 1 cycle 25.0-45.0 kGy	Pass
Ethylene Oxide	Gas Exposure <ul style="list-style-type: none"> <li>Temperature range between 86 F (30 C) and 140 F (60 C)</li> <li>Gas concentration between 200 and 800 mg/l</li> </ul>	Sample was exposed to 1 cycle at 131 F (55 C) for 60 minutes	Pass