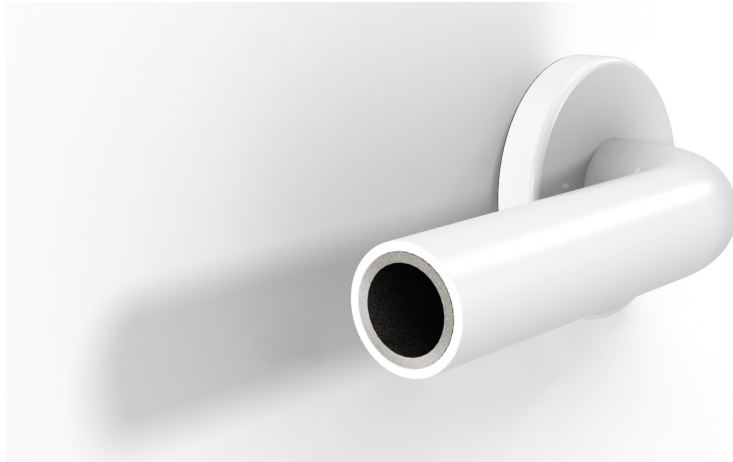


Vinyl Coated Grab Bars - Vinyl Coating

Technical Data



Bio Compatible	Vinyl coating is bio compatible, like all other materials used in biomedical applications, which have to be compatible with human body tissues and fluids.
Flame Resistant	Vinyl coating is self-extinguishing and is rated Class V0 - flame resistant per the UL94 standard.
Antibacterial, mold resistant	Vinyl coating, with its silver ion additives, is antibacterial throughout its service life, with antimicrobial properties and up to 99.9% effectiveness in bacteria reduction.
Light Resistant	Vinyl coating has excellent light resistance: tested with xeon lamps for around 20 hours, it satisfies test level 5.
Saline Environment	After 120 hours of exposure in the saline chamber, the typical characteristics of the vinyl coating are unaltered.
Thermal Shock Resistant	The typical characteristics of the vinyl coating are unaffected by testing with temperatures between 85° C and 12° C.
Recyclable	At the end of its service life, when separated from other materials, the vinyl coating can be recovered and reused - i.e. recycled.
Warm and Pleasant to Touch	The surface of the vinyl quickly reaches body temperature when touched and reflects the heat of the hand, thus feeling warm. It is also soft (78ShA), which makes it feel strong and pleasant to touch.
Electrical Isolation	The vinyl coating, with its 2.5mm thickness, has been subject to a sine wave voltage of 6000V for one minute, at a temperature of 24°C and ambient humidity of 53%, without causing electrical discharge.
No-Slip effect	By simulating the grip of a hand, both dry and wet, a vinyl coated grab bar was subjected to tensile testing with a dynamometer, with excellent slip-resistance results.

Cleaning & Care:

Clean the vinyl coating with warm water and a non-abrasive cleaner (i.e. liquid soap). DO NOT clean with Chlorine Bleach, it may discolor or deteriorate the vinyl coating.

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