

P-WAVE®



P-HOLD & P-PLATE

FACT

“More than 1 in 4 Britons had faecal matter on their hands” - *Sunday Times*

FACT

“80% of infections are spread by touch”
- *Copper Development Association*

FACT

“Only 1 in 3 people always wash their hands after going to the toilet” - *British Toilet Association*

FACT

Common Microbes found on door furniture include E-Coli, Salmonella, Campylobacter and Staph Aureus

FACT

A virus on a single door handle can spread through a building in just a few hours

The innovative, antibacterial door handle cover and door push plate!

P-HOLD

The innovative, antibacterial door handle cover

Introducing the P-Hold, an innovative, antibacterial door handle cover. Easily installed onto pull door handles, it simply “snaps” into place.

The P-Hold handle kills 99.9% of bacteria* using silver ion technology to combat pathogens deposited onto the surface by users and then works continuously, 24/7. This prevents cross-contamination between one user and another - protecting users and reducing the spread of infections.

- Kills 99.9% of bacteria* using silver ion technology.
- Proven in the field to be 96.4% cleaner than standard handles.
- Can be fitted in less than 30 seconds to any pull door and requires no tools or experience.
- The action lasts for 6 months, with visual indicator to inform staff of when to change.
- Extremely robust and sturdy.
- Available in 2 colours – metallic ice blue and metallic black
- Will fit any cylindrical pull door handle with a diameter of 19mm, 20mm or 22mm (these are the 3 most common in the UK).

* Independently tested to ISO 22196



P-PLATE

The innovative, antibacterial door push plate

The P-Plate handle kills 99.9% of bacteria* using silver ion technology to combat pathogens deposited onto the surface by users and then works continuously, 24/7. This prevents cross-contamination between one user and another - protecting users and reducing the spread of infections.

- Kills 99.9% of bacteria* using silver ion technology.
- Magnetically secured to back plate - and can be changed effortlessly without tools
- The action lasts for 12 months with visual indicator showing when to change.
- Extremely robust and sturdy, with no maintenance required.
- Available in silver.

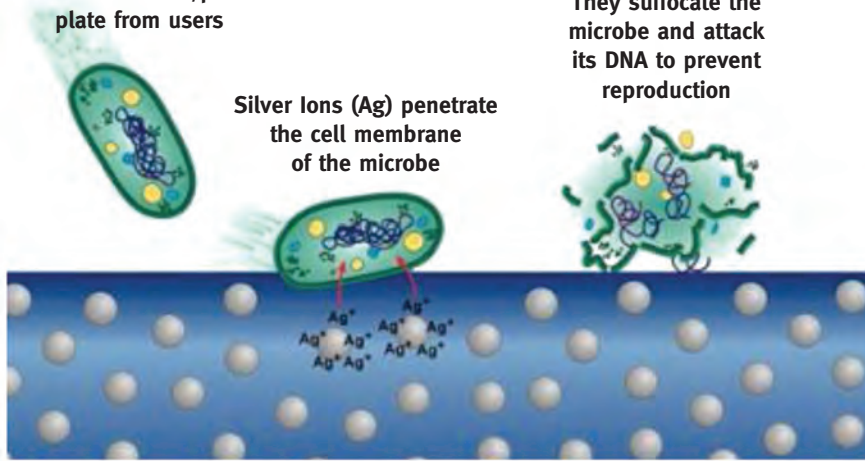
* Independently tested to ISO 22196



THE TECHNOLOGY

No chemicals or poisons – simply harmless silver ions

Microbes* deposited onto the door handle/push plate from users



THE FACTS

- 80% of infections are spread by touch. Offices and public buildings with contaminated door handles aid spread of common infections.
- Stainless steel handles and push plates are a breeding ground for germs. The Purehold antibacterial coating has been independently proven to be 96.4% cleaner than standard stainless steel.
- Peace of mind to users, knowing that handles are safe to touch, 24/7.
- Can help improve hygiene and reduce costly staff sickness & disruption. **The annual cost of a handle or push plate is less than the cost of even a single day's basic salary at the Minimum Wage Rate.**

INDEPENDENT TESTING

- Lab Testing - ISO 22196:2011.
- Coating was shown to:
 - Kill 99.99% of E-coli
 - Kill 99.99% of Staph Aureus
 - Kill 98.6% of Salmonella
- Field Trials – undertaken by Wickham Laboratory:
- **P-Hold Handle 96.4% (on average) cleaner than stainless steel handles**

	Stainless Steel Door Handle (CFUs *)	P-Hold Door Handle (CFUs *)	CFU Reduction (CFUs *)
Field Test #1	4,400	545	87.6%
Field Test #2 (validation)	20,440	340	98.3%
Overall	24,840	885	96.4%

*Colony-Forming Units - a unit used to estimate the number of viable bacteria or fungal cells in a sample



Introducing the P-Wave family of products

The highly fragranced, simple solution to bad odours



P-WAVE®



Quills Group

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