

Hygienic Door Handle Product Guide

Sanitising Door Handle



Releases sanitising gel onto the user's hand as they pull open the door. Perfect for use in high risk areas where it's important to get users to sanitise their hands.

<https://www.teknomek.co.uk/hygienic-door-pull-handle>



Antibacterial Door Pull Handle Cover



An antibacterial door handle cover that kills 99.9% of bacteria using silver ion technology to ensure the handle is clean to touch. Simple to fit and remove from most cylindrical pull door handles without any tools.



Antibacterial Door Lever Handle Cover



An antibacterial door handle cover that kills 99.9% of bacteria using silver ion technology to ensure the handle is clean to touch. Simple to fit and remove from most lever door handles without any tools.

Models Available– 2 (LEVER 'STRAIGHT' and LEVER 'RETURN TO DOOR').



Straight Handle



Return To Door (RTD) Handle



<https://www.teknomek.co.uk/hygienic-antimicrobial-door-handle-cover>

Antibacterial Door Push Plate



An antibacterial door push plate that kills 99.9% of bacteria using silver ion technology to ensure the plate is clean to touch. Simple to fit and remove without any tools.

Available in standard size and XXL

<https://www.teknomek.co.uk/hygienic-door-push-plate-6929>



Extensive Independent Testing

An extensive independent testing programme has been undertaken on all Purehold products. These tests are summarised below:

Sanitising Door Handle Testing

Testing 1 - Independent Field Trial at Queen Alexandra Hospital – undertaken by Wickham Laboratory.

- Sanitising pull handles were swabbed and shown to be 98.5% cleaner than standard door handles.

Testing 2 - Independent Field Trial at Queen Alexandra Hospital – undertaken by Wickham Laboratory.

- 12 sets of hands that DID NOT USE the sanitising handle = 2,510 CFU's
- 12 sets of hands that DID USE the sanitising handle = 332 CFU's
- **CFU (Colony-forming unit) reduction due to sanitising handle = 87%**

Antibacterial Handle Cover Range Testing

Testing 1 - Lab Testing - ISO 22196:2011 - measure of antibacterial activity on plastics and other surfaces. Over a 24 hour period the coating was shown to:

- Kill 99.99% of E-coli
- Kill 99.99% of Staph Aureus
- Kill 98.6% of Salmonella

Testing 2 – Independent Field Trial 1 – undertaken by Wickham Laboratory.

- 3 door locations selected (Male toilet, female toilet and busy canteen door)
- Stainless steel door handles provided control to measure against
- 2 swabs taken from each door handle trialled
- In summary, the Antibacterial handle cover was shown to be 87.6% (on average) cleaner than the stainless steel control door handles

Testing 3 – Independent Field Trial 2 – undertaken by Wickham Laboratory.

- This trial replicated the same test procedure as Field Trial 1 (Appendix 2)
- In summary, the Antibacterial handle cover was shown to be 98.3% (on average) cleaner than the stainless steel control door handles.

