

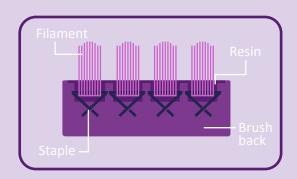
hillbrush ANTI-MICROBIAL HYGIENIC TOOLS™

RECESSED BRUSH BACK

Polypropylene is light, durable and economic. It is perfect for use in our Anti-Microbial Hygienic Tools™ because it has good impact resistance, is chemically inert, and has steam barrier properties which means it can be industrially sanitised. It can be autoclaved at 134°C and the maximum usage temperature is 79°C.

RESIN

After being secured into the brush back, the filaments are then flooded with an Anti-Microbial epoxy resin to complete the Dual Retention System (DRS®). The products undergo an extensive process to dissipate the resin into every crevice, eliminating areas for dirt and moisture to accumulate.





Each component contains Biomaster Antimicrobial Technology which uses a silver-ion base to inhibit bacteria. Silver has been known to have antimicrobial properties since the Pharaohs, and it has been used for thousands of years to prevent growth of bacteria without the high toxicity associated with other metals. Australians even used to put silver spoons into their water tanks to keep the water clean. Learn more: hillbrush.com/amcolours

FILAMENT

Polyester is robust and can withstand high temperatures up to 134°C. This makes it suitable for use in industrial dishwashers and sanitisers. It is also non-absorbant which means that moisture can't get into the material, preventing the growth of micro-organisms.

We use food-grade stainless steel staples to secure the filaments into the brush back. The steel won't corrode or rust in a moist environment.