

# ANTI-MICROBIAL CABLE

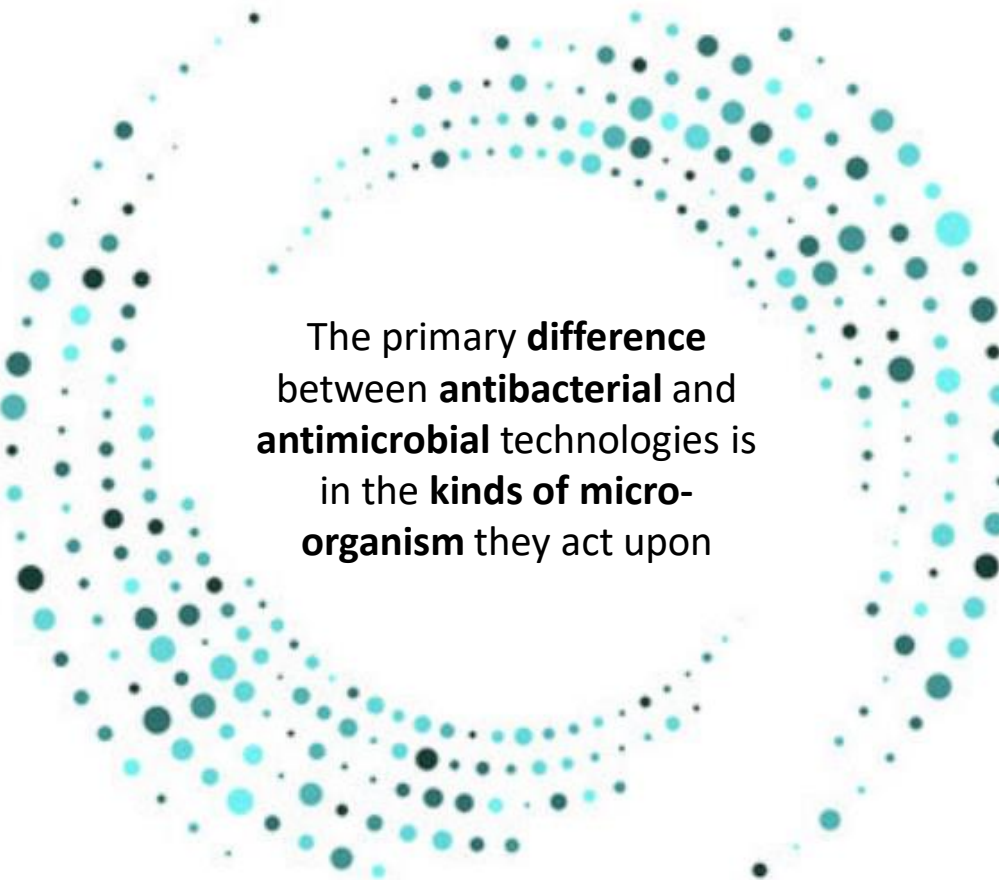


[www.megaelectronics.com](http://www.megaelectronics.com)

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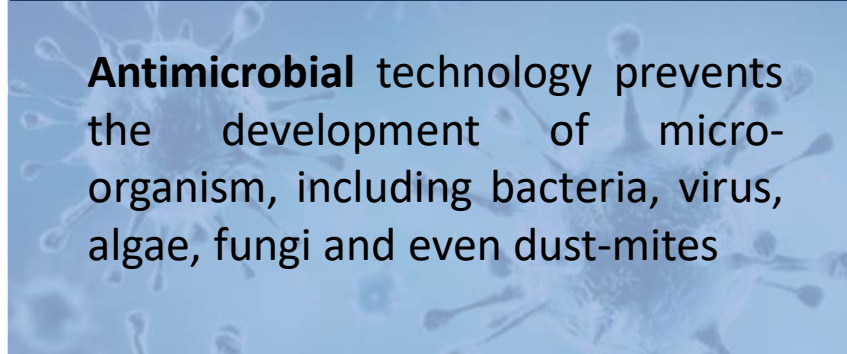
Powering Your Products

# ANTIBACTERIAL VS ANTIMICROBIAL: what's the difference?



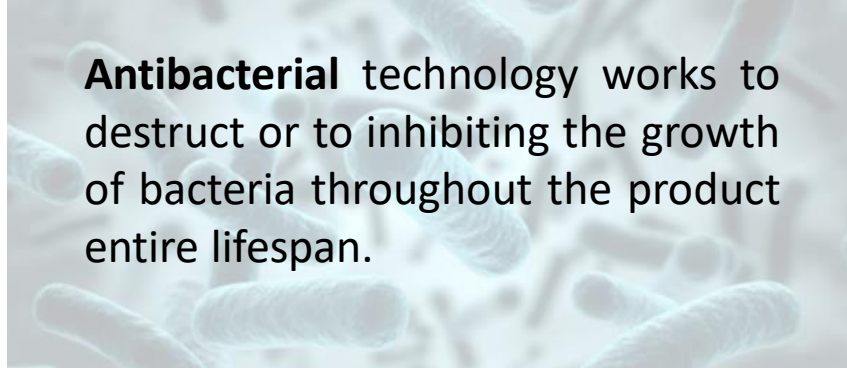
The primary **difference** between **antibacterial** and **antimicrobial** technologies is in the **kinds of micro-organism** they act upon

## ANTIMICROBIAL TECHNOLOGIES



**Antimicrobial** technology prevents the development of micro-organism, including bacteria, virus, algae, fungi and even dust-mites

## ANTIBACTERIAL TECHNOLOGIES



**Antibacterial** technology works to destruct or to inhibiting the growth of bacteria throughout the product entire lifespan.



## WHAT IS ANTIMICROBIAL TECHNOLOGY?

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**Antimicrobial Technology** creates products that are permanently protected against a wide range of microbes **by using an antimicrobial additive.**

The **antimicrobial additive** is normally used during manufacturing process and **provides,** around-the-clock product **protection** from the growth of micro-organisms

The **antimicrobial technology negatively affects bacteria** that contaminate the surface

# THE ANTIMICROBIAL TECHNOLOGY: BENEFITS

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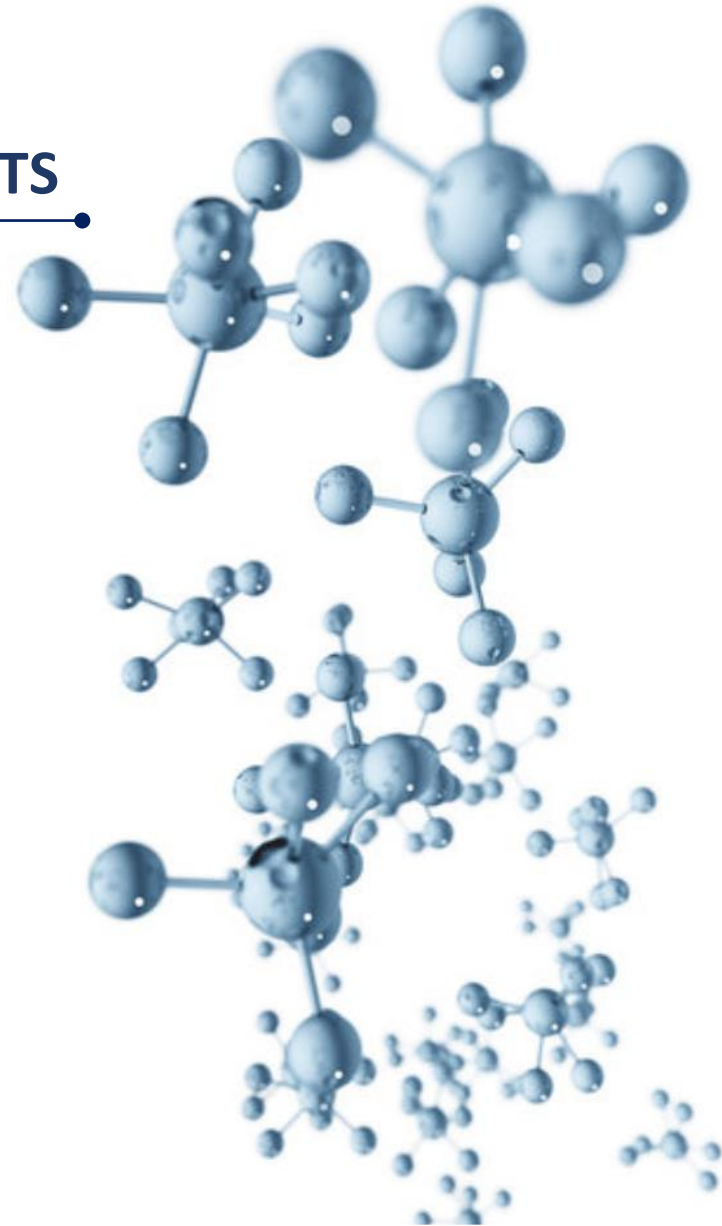
**Effective Against Bacteria (ISO 22196)**

**Reduce the premature product degradation by minimizing the growth of many types of microbes**

**Makes a products cleaner**

**Makes a products safe for use in hygiene conscious environments**

**Helps reduce unpleasant odours**





# Antimicrobial ADDITIVES

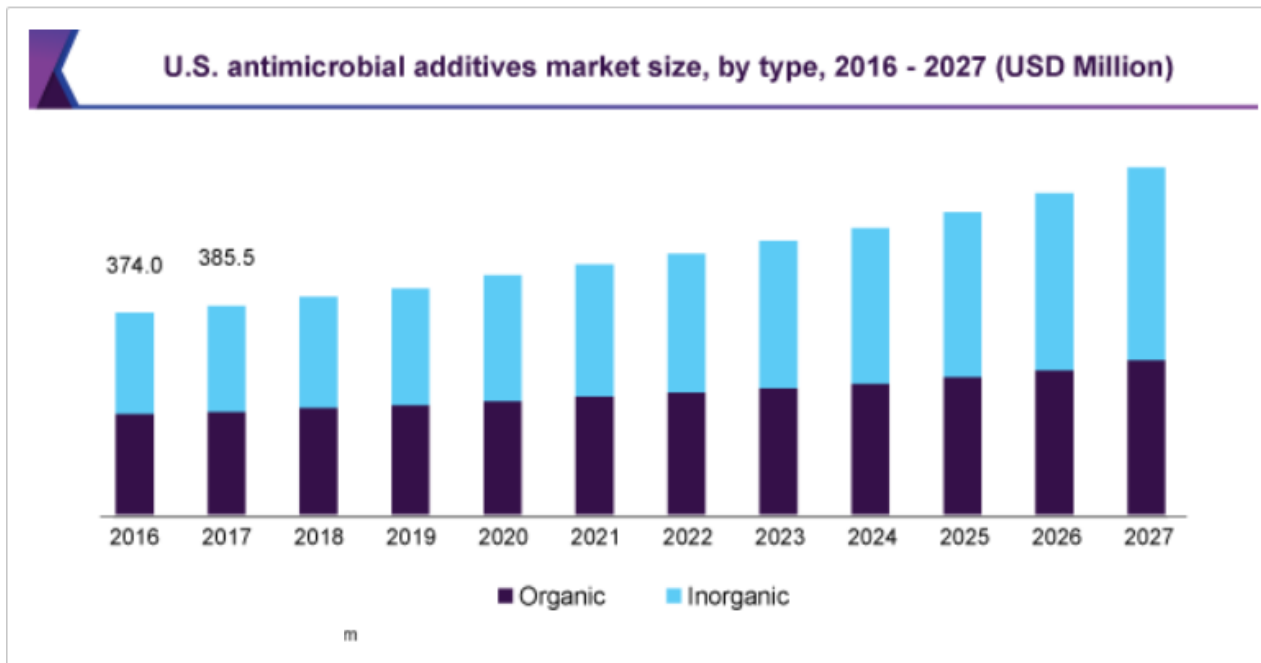
The antimicrobial additives are a class of chemicals that are added to the product during the manufacturing process.

Antimicrobial additives are strictly regulated and are completely safe. As soon as they are infused into the product they will start working to minimize every cross-contamination.

Products containing antimicrobial additives help keep the environment where we work and live clean and hygienic.

# Antimicrobial TREND

According to a report by Grand View Research, the global antimicrobial additives market is expected to thrive over the next few years, with estimations that it will reach a value of \$15.34 billion by 2025 and is expected to grow at a compound annual growth rate of 8.4% from 2020 to 2027.

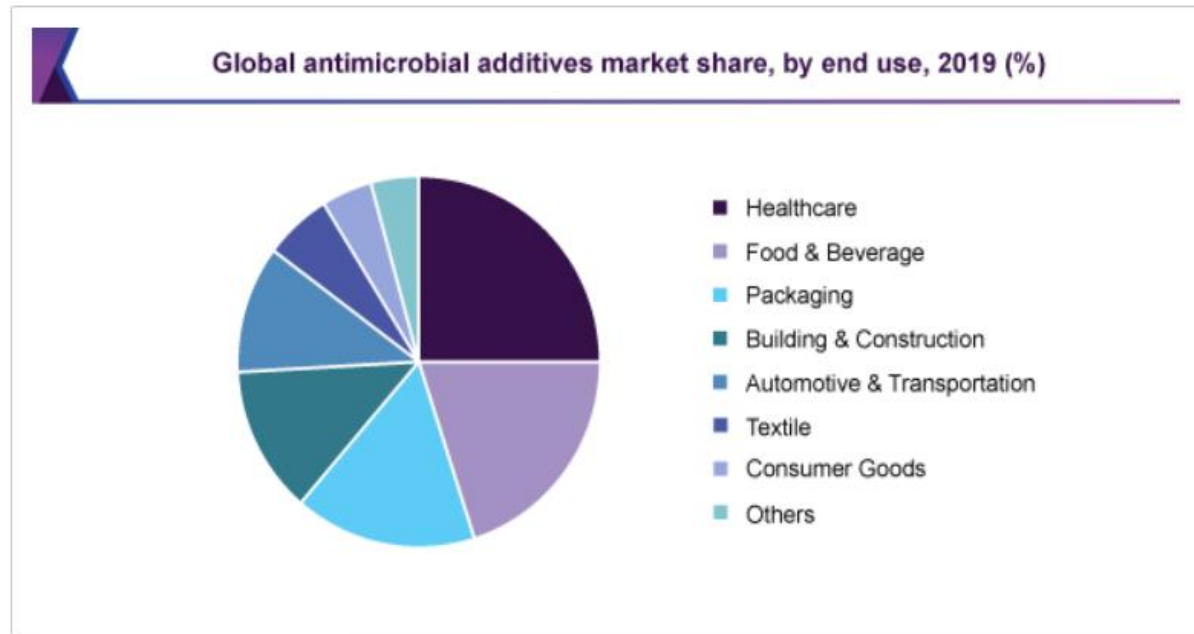


Rapidly expanding end-use sectors due to growing population and urbanization are likely to escalate the demand for antimicrobial additives over the forecast period.

# Antimicrobial MARKET SHARE

The food & beverage end-use segment is expected to witness the fastest growth over the forecast period. This growth can be attributed to the extensive utilization of additives in shelving, flooring, food processing equipment, ice-making machines, storage containers, water coolers, and water hydration systems in the food & beverage industry. Increasing population and changing lifestyles are also anticipated to drive the product demand in the food & beverage sector over the forecast period.

Source: [www.grandviewresearch.com](http://www.grandviewresearch.com)



# Healthcare



Hospital Appliances



Respiratory Disposables



Dental equipment



Lighting



# House Environment

Vaacum  
Cleaners



Hair Dryers

Dish  
Washer



Washing  
Machines



# HygeaPlus CABLE

## PVC cables

- H03VV-F 2,3 x 0,75
- H05VV-F 2,3 x 0,75 ... 2,5

Full color range available;

## BQ cables

- H05BQ-F 2,3 x 0,75...1
- H07BQ-F 2,3 x 1...2,5

Full color range available  
Coil cord version on demand.

# HygeaPlus CABLE

## Medical Appliances

- Customized solution in power connection systems;
- Hospital Grade 5-15 for the USA market:
  - in the standard version;
  - with LEDs to indicate the voltage;
  - with Ground Pin with a high mechanical resistance.



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