

# Yieh Phui PhuizerGreen® AMC Plus

## Product Characteristics

- ▲ Transparent & oil-free surface passivation.
- ▲ Fully **RoHS** compliant.
- ▲ Corrosion resistant.
- ▲ Weldability is comparable to conventional chromated steel.
- ▲ Lower coefficient of friction than conventional chromated steel sheets.
- ▲ Proven to be effective against the following bacteria: (☆AMC, ★AMC Plus)
  - ☆ *Staphylococcus Aureus*
  - ☆ *Pseudomonas Aeruginosa*
  - ☆ *Escherichia Coli*
  - ☆ *Klebsiella Pneumoniae*
  - ★ *Meth-Resistant S. Aureus*
  - ★ *Legionella Pneumophila*
  - ★ *Corynebacterium Diphtheriae*
  - ★ *Aspergillus Brasiliensis*



## Function Introduction

Product	Technological Capability
nanoMark Certified	Antibacterial (common and antibiotic-resistant bacteria), antifungal, RoHS compliant, high corrosion resistance.
Conventional	Contains Cr <sup>6+</sup> , bacteria and fungi may grow on the surface after long-term use.

## Product Applications



1. **PhuizerGreen® AMC Plus** is suitable for use as HVAC components. The antimicrobial surface treatment effectively inhibits the growth of bacteria and fungi in the air handling systems, preventing them from polluting the indoor air quality.
2. **PhuizerGreen® AMC Plus**, utilizing nanotechnology, provides durable and long-lasting protection against microbes and corrosion factors.
3. **PhuizerGreen® AMC Plus** is RoHS compliant, non-hazardous and non-toxic to animals and human beings.

## Certified Product Information :

**Certification Rule : TN-052 Verification and Validation Standard on Nano Antibacterial Products – Type II**



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