

# Chemical Solution

- **HK ICT<sup>®</sup>**

- **HK CRC<sup>®</sup>**

- **HK ZFC<sup>®</sup>**

- **HK TLC<sup>®</sup>**

- **HK COAT<sup>®</sup>**

- **HK CFC<sup>®</sup>**





# HANKOOK ICT<sup>®</sup>

## Industrial Cleaning Technology

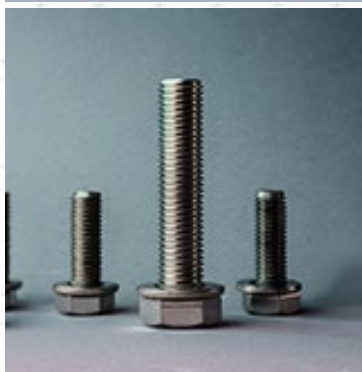
### Industrial Cleaner

Removes oxides and organic contaminants from metal surfaces prior to plating, ensuring optimal plating performance.

HK-ICT provides a stable and efficient cleaning process that improves adhesion, enhances plating quality, and produces a uniform and glossy surface finish.

#### Key Features

- Effective removal of oxides and organic residues
- Improved plating adhesion and surface quality
- Stable process performance
- Optimized preparation for plating processes



# HANKOOK CRC<sup>®</sup>

## Corrosion Resistance Coating Zinc / Zinc-Nickel Plating

Provides reliable corrosion protection while enhancing the physical and chemical properties of metal surfaces.

HK INNOSOLUTION offers advanced zinc and zinc-nickel plating technologies designed to improve corrosion resistance, durability, and surface appearance for demanding industrial applications.

### Key Features

- Enhanced corrosion resistance
- Improved durability and wear resistance
- Uniform and stable plating quality
- Suitable for automotive and industrial components



# HANKOOK ZFC<sup>®</sup>

## Zinc Flake Coating

## Zinc / Aluminum Composite Coating

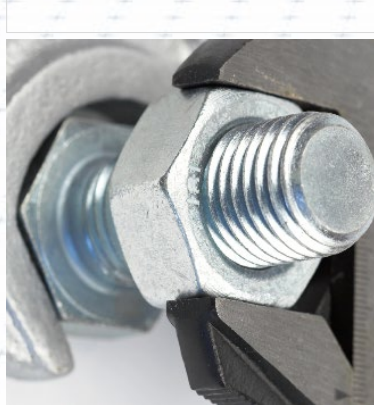
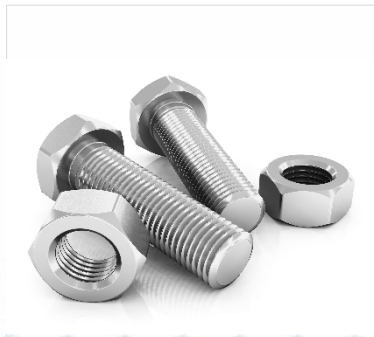
HK-ZFC is a high-performance zinc flake coating system designed to provide superior corrosion protection for fasteners and metal components. Based on zinc and aluminum micro-flake technology, the chrome-free water-based formulation delivers long-term corrosion resistance while meeting global environmental regulations. The system also enables precise control of friction coefficients through specialized topcoat and lubrication technologies.

### Key Features

- Chrome-free environmentally compliant coating
- Excellent corrosion resistance
- Designed for automotive fastening systems
- Controlled friction coefficient
- Compatible with various topcoat systems

### Corrosion Resistance

Up to **1,000+ hours Salt Spray Test (ISO 9227)** depending on coating specification.



# HANKOOK TLC<sup>®</sup>

## Torque & Lubrication Coating

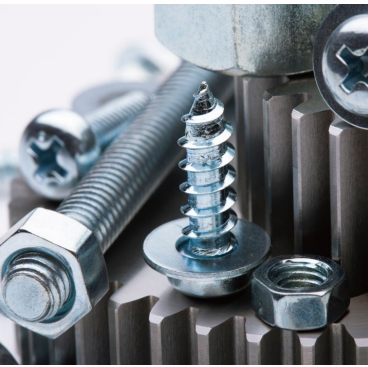
### Friction Coefficient Stabilizer

Engineered with advanced nano-synthesis technology, this coating combines hybrid binders with inorganic nano-resin systems to enhance surface performance. The formulation penetrates micro-gaps beyond the reach of conventional coatings, improving adhesion and surface protection.

It provides excellent corrosion and heat resistance while maintaining stable torque and tension performance for bolts and nuts.

#### Key Features

- Stable friction coefficient control
- Improved bolt tightening performance
- Enhanced corrosion and heat resistance
- Optimized for fastening systems



# HANKOOK COAT<sup>®</sup>

## Top Coating

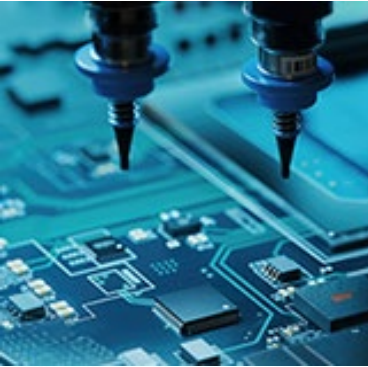
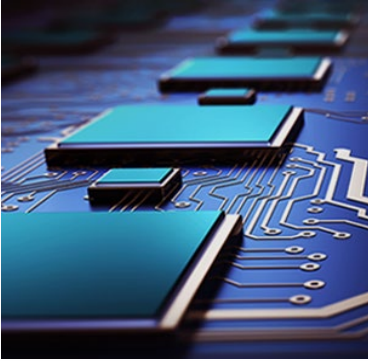
### HK - COAT Series

The HK-COAT Series is a high-performance top coating designed to enhance durability and surface performance.

It improves corrosion and wear resistance while delivering consistent gloss, texture, and controlled friction properties for reliable mechanical performance.

#### Key Features

- Enhanced durability and surface protection
- Improved corrosion and wear resistance
- Uniform surface appearance
- Stable friction performance



# HANKOOK CFC<sup>®</sup>

## ConFormal Coating

### Conformal Coating - Electronic Protective Coating

HK-CFC is a conformal coating developed to enhance the reliability and durability of electronic assemblies.

The coating protects electronic components from moisture, dust, and chemical exposure, preventing performance degradation and ensuring long-term operational stability.

#### Key Features

- Protection against moisture and contaminants
- Improved durability of electronic assemblies
- Enhanced long-term reliability
- Suitable for various electronic applications



Thank you