



INNOVATIVE  
IRRIGATION

komet | *Twin*

## Twin AP Dust Control - Corrosion Protection

Heavy-duty large volume guns with special corrosion protection coating to endure even the toughest industrial settings. Excellent throw, uniform coverage, and corrosion-resistant components



The Komet Twin AP Ultra Dust Control line features a unique hard anodized protection.

### Available Models



*Twin AP101/Ultra CP*

**Nozzle range: 0.47"-1.10"**



*Twin AP160/Ultra CP*

**Nozzle range: 0.71"-1.57"**



*Twin AP140/Ultra CP*

**Nozzle range: 0.63"-1.34"**



*Twin AP202/Ultra CP*

**Nozzle range: 0.87"-1.77"**

## HARD ANODIZE PROTECTION

Hard Anodize or Hardcoat is an electrochemically produced grey layer of hard aluminum oxide on the surface of aluminum components. The film is built up by a process of anodic oxidation in a cooled acid electrolyte thus preventing any thermal or physical distortion of precision engineered components. The Hard Anodize is produced by specialist finishing companies. The coating grows integrally with the base metal providing excellent corrosion protection in harsh environments and wear protection in demanding applications.

Hard Anodize is a well established process suitable for meeting today's demanding quality requirements. International standards provide a basis for the specification, production and testing. Hard Anodize finishes have an established reputation in a wide variety of applications. Major user industry sectors are aerospace, defense, hydraulic, chemical, pneumatic, marine and others.

Clear & Color Anodize provides corrosion protection only in mild environments with a minimum wear protection. Its main use can be found in the consumer and architectural applications including windows, frames, railing ecc. For engineered aluminum components requiring maximum wear and corrosion protection the Clear & Color Anodize is not an option.

Powder Coating adds a finishing touch to the products, but adds no wear protection and only superficial and partial corrosion protection to engineered aluminum components that are used in harsh industrial environments. The Powder Coating is not scratch resistant and can chip, peel or flake once the surface has been damaged. When the requirements call for maximum wear and corrosion protection this coating is not indicated.

### Information Table on the Hard Anodize Protection

Features and Benefits	Hard Anodize Protection
Corrosion protection in harsh / corrosive environment	Yes
Corrosion protection in mild environment	Yes
Wear protection in demanding applications	Yes
Increased hardness of material	Yes
Protection on threads	Yes
Protection in holes	Yes
Applied integrally on each part	Yes
Applied on the product only after complete assembly	No
Protection inside the barrel / gun	Yes
Deteriorates staying outside	No
Protection in harsh environment	Yes
Protection against salt sprays	Yes
Scratch protection	Yes
Protection peels, chips and flakes	No
Major user Industry sectors	Used in many industrial products. Many industries benefit from this protection, among others aerospace, defense, hydraulic, chemical, pneumatic, marine

