



## Mauser simplifies chemical handling with CPC's DrumQuik® PRO system

*CPC solutions facilitate fast, flexible and secure drum handling procedures*

Mauser Packaging Solutions is a leading global manufacturer of durable, reliable and high-quality intermediate bulk containers (IBCs), drums, cans and canisters. Their products are used in a broad range of industries including food and beverage; inks, dyes and paints; petrochemicals and lubricants; pharmaceuticals; cosmetics; and agricultural and industrial chemicals.

Mauser's customers rely on the company's containers to maintain the integrity of chemicals and ingredients through shipping, storage and usage.

When it comes to dangerous contents, the ability for container designs to prevent spills, fumes and other potential hazards takes on added importance. Mauser and CPC collaborated to enhance user-friendly features of Mauser's drums. CPC designs and manufactures innovative connectors, fittings and dispenser system solutions used in fluid management.

### AVOIDING ACCIDENTAL MIXING OF CHEMICALS

With any industrial containers, the ability to store contents involves determining the chemical compatibility of the media with the container and integrated components such as tubing and dispensing systems. For media transfer, other critical factors in selecting dispensing systems include meeting flow rate needs, providing an intuitive design for quick and easy use, and adhering to regulatory requirements such as UN certifications.

In addition to delivering these basic specifications, a customer asked Mauser to explore ways to enhance its drums to help avoid accidental mixing of chemicals that could be dangerous if combined.



Mauser Intermediate Bulk Container (photo by courtesy of Mauser-Werke GmbH)

Mauser sought CPC's fluid management expertise, which includes its DrumQuik® PRO closed-dispensing system. The DrumQuik system was designed to provide dependable, easy extraction of chemicals from drums, canisters and IBC totes while helping reduce spills and exposure to hazardous fumes. To meet its customer needs, Mauser collaborated with CPC to create a corresponding DrumQuik custom assembly with added user-friendly features.

### IMPROVED HUMAN FACTORS AND PERFORMANCE IN ONE SOLUTION

CPC developed mechanically keyed, color-coded DrumQuik PRO inserts for Mauser to incorporate in its drums. Operators can only connect the mechanically and color-coded keyed coupler with the matching drum insert. This confirms the correct supply line is connected to the correct chemical container before application begins. The closed dispensing system also helps workers avoid contact with base chemicals or fumes.

The Mauser team and CPC ensured that seals in the dispensing system are compatible with the drums' contents. In this case, CPC delivered two kinds of dip tube and drum insert assemblies: 1) EPDM components for drums containing caustic chemicals; and 2) FKM seals for drums holding acids.

The DrumQuik PRO dispensing system also features a coupler with a vent port, which allows pressurization of the contents for fast, smooth dispensing.

## SATISFIED CUSTOMERS FOR MAUSER AND CPC

Mauser appreciated CPC's expertise in arriving at a solution to meet customer needs.

"Together we found a technical solution that is compatible, easy to use and last but not least, works very well for everyone involved," said Michael Dick, Mauser Technical Service Executive.

Mauser further appreciated how simple it was to incorporate the CPC products into their drums. They needed a dispensing solution that was quick and easy to install and the CPC solution achieved those goals.

Customers rely on CPC engineering expertise to ensure their products and systems deliver long-lasting, efficient, leak-free and reliable performance. With a broad range of solutions including custom products, CPC connectors handle the requirements of even the most demanding applications. For more information visit: [cpcworldwide.com](http://cpcworldwide.com) or contact us at [cpcgmbh@cpcworldwide.com](mailto:cpcgmbh@cpcworldwide.com).

## ABOUT MAUSER PACKAGING SOLUTIONS

Mauser Packaging Solutions, formed by BWAY, Mauser Group, NCG and ICS, brings unparalleled packaging performance and innovation to redefine sustainability for customers. Together they have over 300 years of combined experience, over 1,000 global patents, more than 180 sites around the world, and over 11,000 employees committed to helping companies operate more sustainably and effectively.

## ABOUT CPC

CPC (Colder Products Company) is the leading provider of quick disconnect couplings, fittings and connectors for the life sciences, bioprocessing, industrial and chemical handling markets. Over its 40-year history, CPC has built a portfolio of 10,000-plus connector products. CPC is an operating company within Dover Corporation.

## DRUMQUIK® PRO SYSTEM

- Quick connect/disconnect
- Automatic shutoff valve on the coupler side stops flow when disconnected
- Custom keying and color-coding: help avoid potential chemical accidents due to misconnections
- Quick change-outs between chemical containers: operators can easily identify contents and make correct connections



CPC DrumQuik® PRO system with mechanically keyed and color-coded drum coupling and insert

We inspire confidence at every point of connection.