



OPTIMIZING PRINTING PERFORMANCE

QUICK DISCONNECT COUPLINGS

**FAST, EASY, INTUITIVE
QUICK DISCONNECT COUPLINGS
IMPROVE PRINTING EFFICIENCY**

cpcworldwide.com/print



MAXIMIZE UPTIME

MINIMIZE MESS

Global print and ink industry leaders rely on CPC connector technologies to help deliver quick, clean material fills and fast, efficient equipment serviceability.

Enhance your printing performance with CPC's innovative coupling solutions.



YOUR PARTNER IN EFFICIENT PRINTING

Why choose CPC? Because we are connection technology experts. For more than 40 years, we have focused exclusively on connectors for use in a wide range of applications. We design, build and refine some of the world's highest-performing couplings to meet the most demanding specifications.

In print and ink applications, CPC connectors:

- Reduce downtime with tool-free maintenance on serviceable components
- Minimal spillage at disconnection during maintenance, reducing waste and mess
- Reduce air inclusion during connection
- Minimize operator exposure during ink loading
- Are chemically resistant to the range of inks, providing durability and longevity
- Allow secure, single-handed operation with an ergonomic, easy-to-use thumb latch

FROM INK PACKAGING TO FINISHED OUTPUTS: WHERE CONNECTORS FIT

CPC solutions streamline fluid management from ink containers all the way through commercial printing equipment and processes. Here's how:



INK LOADING

- Connectors attached to pouches or bag-in-box solutions make ink loading fast, clean and easy
- Bag-in-box ink packaging is a more sustainable option than large rigid plastic jugs



INK DELIVERY SYSTEM

- CPC connectors facilitate fluid flow through printheads, manifolds, tube sets, reservoirs, ink pumps and transfer lines
- Non-spill connectors help reduce technician exposure to ink and fumes during service
- Fewer messy spills to clean up reduces hassles and improves machine uptime

WHERE CONNECTORS FIT



PRINTHEADS

For high quality and performance, ink flowing through the printhead must be free of contaminants. CPC couplings offer excellent chemical compatibility to guard against material degradation.

A compact, easy-to-use design also simplifies serviceability of the printheads, which are often in tight spaces.



FILTERS / DEGASSERS

Ink conditioning through filters and degassers helps remove contaminants and bubbles that can affect print quality and equipment uptime.

Quick disconnect couplings make serviceability of these important components fast and efficient.



BULK INK DELIVERY

CPC couplings provide operators a clean and easy method to swap out inks without drips, spills or messes.

INNOVATION AND EXPERTISE PUT TO WORK FOR YOU

CPC believes innovation is the result of collaboration. Our engineers, working closely with your team, help solve challenges and streamline everyday operations. Partner with a company that has 40+ years' experience working through thousands of material handling scenarios.

From off-the-shelf products to fully engineered solutions, collaborating with CPC engineers early in the design process empowers you to find the connector for your needs.

Advanced products like our IdentiQuik® RFID-enabled connectors protect consumables and equipment by automatically exchanging critical data such as device type, connected media, line connection status, and fluid and product data to validate process steps.

We also offer products that provide weight and level sensing, and work seamlessly with filtration systems and electrical connections.

Trust us to create the right connections for your printing systems.



FULL RANGE OF CONNECTORS FOR YOUR NEEDS

CPC OFFERS A WIDE SELECTION OF CONNECTOR SIZES, CONFIGURATIONS AND MATERIALS



PMC

THE 1/8" FLOW PMC COUPLING covers a wide variety of general-purpose applications. Featuring the CPC thumb latch, the PMC is easier to use than ball-and-sleeve designs.



PLC®

THE 1/4" FLOW PLC SERIES are injection molded from acetal thermoplastic and are resistant to most chemical solutions. PLC couplings are injection molded from acetal thermoplastic and are resistant to most mild chemical solutions.



NS212

NS212 SERIES COUPLINGS were built on the company's proven platform of non-spill valves designed to provide fast and leak-free fluid line connections. The NS212 is an easy, twist-to-connect coupling with an integrated locking mechanism and double-sided non-spill shutoff valves. It is also chemically resistant and provides high-flow fluid transfer in a small footprint.



NS4

NS4 SERIES COUPLINGS feature non-spill valves in a compact size at a great price. These innovative couplings are lightweight, chemically resistant and easy to use. The non-spill design effectively eliminates spills and minimizes downtime. NS4 couplings are also available with optional RFID (Radio Frequency Identification) capability.



UDC

IDENTIQUIK® UNIVERSAL DISPENSING COUPLERS (UDC) provide a universal connection to a 38mm fitment neck, allowing you to make instant connections to bulk packaging systems. The automatic flush face valves minimize costly spillage, and an ergonomic design and large, shrouded thumb latch pad make the coupling easy to grip and simple to operate.

RFID-enabled IdentiQuik couplings transfer both ink and critical information like device type, connected media, line connection status, and fluid and product data. The RFID technology is seamlessly integrated into the connection point, automatically reading data as ink containers are loaded into machines.



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CPC WARRANTY STATEMENT: CPC (Colder Products Company) warrants its products against defects in workmanship and materials for a period of 12 months from the date of sale by CPC to its initial customer (regardless of any subsequent sale of the products). This warranty is void if the product is misused, altered, tampered with or is installed or used in a manner that is inconsistent with CPC's written recommendations, specifications and/or instructions, or fails to perform due to normal wear and tear. CPC does not warrant the suitability of the product for any particular application. Determining product application suitability is solely the customer's responsibility. CPC is not liable for special, indirect, incidental, consequential or other damages including, but not limited to, loss, damage, personal injury, or any other expense directly or indirectly arising from the use of or inability to use its products either separately or in combination with other products. ALL OTHER WARRANTIES EXPRESS OR IMPLIED, WHETHER ORAL, WRITTEN OR IN ANY OTHER FORM, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY EXCLUDED. The sole and exclusive remedy under this warranty is limited, at the option of CPC, to replacement of the defective product or an account credit in the amount of the original selling price. All allegedly defective CPC products must be returned prepaid transportation to CPC, together with information describing the product's application and performance, unless otherwise authorized in writing by CPC.

CPC PATENT STATEMENT: CPC takes pride in its innovative quick disconnect coupling and fittings solutions, many of which have been awarded United States and international patents. CPC has a strong tradition of leadership in the quick disconnect market, and aggressively pursues and protects its proprietary information and intellectual property. In cases where it is practical and has a benefit to its customers, CPC has licensed its proprietary technology. Please contact CPC to discuss your unique needs.

CPC TRADEMARK STATEMENT: IdentiQuik®, PLC® are registered trademarks with the U.S. Patent & Trademark Office. All other trademarks or service marks are property of their respective owners.

WARNING: Due to the wide variety of possible fluid media and operating conditions, unintended consequences may result from the use of this product, all of which are beyond the control of CPC. It is the user's responsibility to carefully determine and test for compatibility for use with their application. All such risks shall be assumed by the buyer.

INNOVATION BORN FROM EXPERIENCE

CPC is a leading provider of quick disconnect couplings across a wide range of applications including industrial, medical, biopharma and liquid cooling.

Our broad and deep fluid management experience allows us to innovate in meaningful ways, anticipate future challenges, and bring you the best purpose-built solutions.

WANT TO COLLABORATE?

Visit us online to access our interactive web tools

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- WHITE PAPERS
- CAD FILES

KNOW EXACTLY WHAT YOU'RE LOOKING FOR?

Great, let's get down to business. Just call or e-mail us at info@cpcworldwide.com to start the conversation.

VISIT US AT CPCWORLDWIDE.COM TO GET STARTED.

WE INSPIRE CONFIDENCE AT EVERY POINT OF CONNECTION