

CHEMICAL-RESISTANT AND HIGHLY VERSATILE

IDENTIQUIK® PLC12 COUPLING



IdentiQuik® PLC12 Couplings are injection-molded from polypropylene thermoplastic and are resistant to many chemical solutions.

This popular coupling features one-hand connection and disconnection, and offers the flexibility of multiple configurations and terminations. Its polypropylene provides superior chemical resistance, and the EPDM o-ring adds expanded chemical compatibility for more demanding applications.

PLC12 couplings can be ordered in a vast range of sizes and configurations to meet the needs of your application.

APPLICATIONS FOR PLC12 COUPLINGS INCLUDE:

- Flavor concentrates
- Cosmetic ingredients
- Laser cooling
- Many more

COUPLING READERS - Polypropylene

TERMINATION	TUBING/ THREAD SIZE	METRIC EQ.	STRAIGHT THRU	SHUTOFF	A	B
IN-LINE HOSE BARB (USB INTERFACE)	1/4" ID	6.4mm ID		iPLCDR1700400	1.39 (35.3)	2.78 (70.6)
	3/8" ID	9.5mm ID		iPLCDR1700600	1.39 (35.3)	2.78 (70.6)
IN-LINE HOSE BARB (USB INTERFACE)	1/4" ID	6.4mm ID		iPLCD1700401	1 (25.4)	1.38/2.05 (35.1/52.1)
	3/8" ID	9.5mm ID		iPLCDR1700601	1.05 (26.7)	1.74/1.87 (44.2/47.5)

COUPLING INSERTS - Polypropylene

TERMINATION	TUBING/ THREAD SIZE	METRIC EQ.	STRAIGHT THRU	SHUTOFF	A	B
IN-LINE HOSE BARB (USB INTERFACE)	1/4" ID	6.4mm ID	iPLCT2200400	iPLCCT2200400	1.39 (35.3)	2.78 (70.6)
ELBOW HOSE BARB (USB INTERFACE)	3/8" ID	9.5mm ID	iPLCT2300600	iPLCCT2300600	1.48 (37.6)	1.33/1.46 (33.8/37.1)

All measurements are in inches (millimeters) unless otherwise noted. Tubing must meet stated inside and outside diameters. Couplings are pictured with valves unless otherwise noted.

SPECIFICATIONS

PRESSURE:

Vacuum to 120 psi, 8.3 bar

TEMPERATURE:

32°F to 150°F (0°C to 65°C)

MATERIALS:

Main components and valves: Polypropylene

Thumb latch: Stainless steel

Valve spring: 316 stainless steel

External springs and pin: Stainless steel

O-rings: EPDM

COLOR: Almond

TUBING SIZE:

1/4" to 3/8", 6.4mm to 9.5mm

INTERFACE:

Multi-drop 2-ft. (60 cm) cable with RS-232 or USB connector

OPERATING VOLTAGE:

RS-232: 8V – 24V

USB: 5V

POWER CONSUMPTION:

1.2W maximum

RF COMMUNICATION RANGE:

Approximately 1"

RFID TAG:

ISO 15693, 13.56MHz, 112 bytes programmable



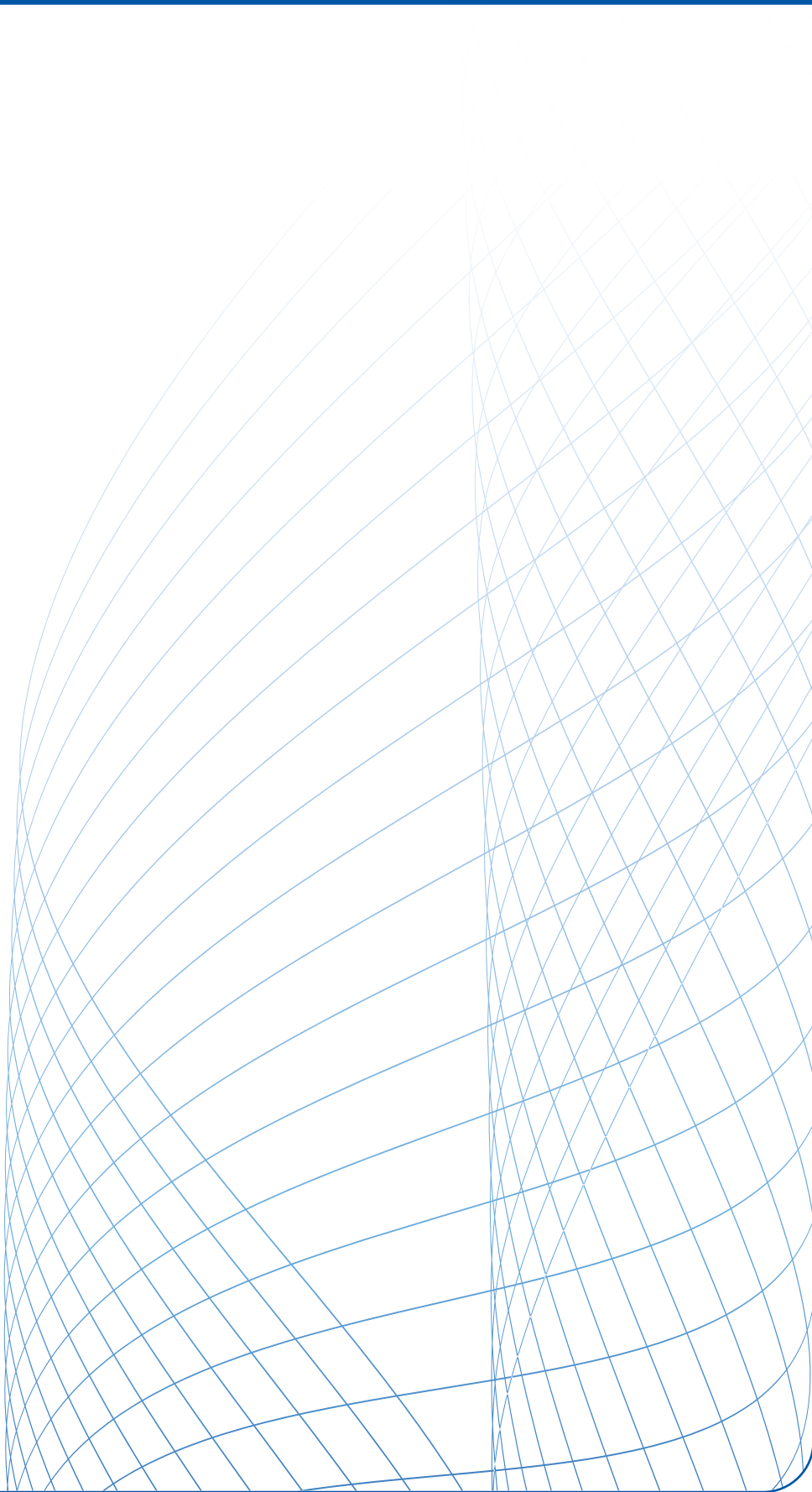
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WARRANTY: All sales are subject to Colder Products Company's limited express warranty set forth in the CPC catalog. Contact your local distributor or CPC Customer Service for warranty provisions.

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.

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