

UDCSERIES CONNECTOR

The 3/8" flow Universal Dispensing Coupler (UDC) provides

a universal connection to a 38mm threaded or snap-in fitment neck. Make instant connections to bulk packaging systems including bag-in-box (BIB), flexible and rigid packaging styles. Automatic flush face valves minimize costly or dangerous spillage. An ergonomic design and a large, shrouded thumb latch pad produce a coupling that is easy to grip and simple to operate. The UDC Series is also available with optional RFID (Radio Frequency Identification) capability (see page 117).

SPECIFICATIONS

PRESSURE:

20" Hg vacuum to 15 psi, 1.0 bar (body only)

TEMPERATURE:

32°F to 160°F (0°C to 71°C)

MATERIALS:

Main body components and valves:

Polypropylene

Springs:

Body: 316 stainless steel Cap: 302 stainless steel

UDC caps: Acetal, polypropylene

O-rings (food grade):

UDC: EPDM, silicone, Buna-N

iUDC: EPDM, silicone **CIP adapter:** Acetal

COLOR: Light gray with dark gray latch

CLOSURE SIZE:

SP-400 thread/38mm snap-in

TUBING SIZES:

3/8" to 3/4" ID, 9.5mm to 19.0mm ID



cpcworldwide.com/UDC

FEATURES

BENEFITS

Universal 38mm cap Fits industry standard fitment necks

Flush face/non-spill valves — Minimize spillage



NSF OPTION AVAILABLE

This product has an NSF compatible product for food applications. Our food-grade couplings are superior to general fittings for fluid control because they incorporate built-in shutoff valves, enabling tubing to be disconnected without having to turn off the water supply. Scan the QR code to be taken to the NSF specific product web page.



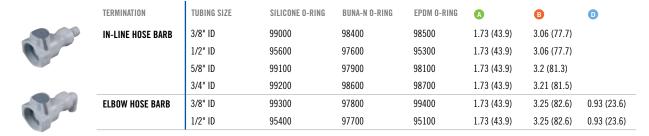


- A = Height/Diameter
- Total Length
- Elbow Radial Length

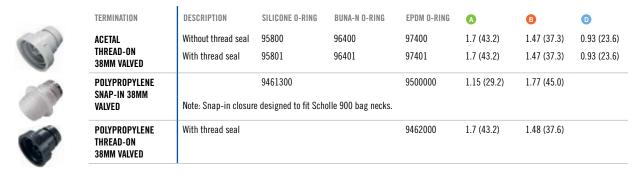


UDC SERIES DIMENSIONS

COUPLING BODIES - Polypropylene



CAPS - Acetal / Polypropylene



CLEAN-IN-PLACE (CIP) ADAPTER - Acetal

Ob.	TERMINATION	DESCRIPTION	PART NO.	A	В	D
	IN-LINE	1/2" HB (no o-ring)	96000	1.15 (29.2)	1.56 (39.6)	

COUPLING READERS - Polypropylene

	TERMINATION	TUBING SIZE	METRIC EQ.	SHUTOFF (RS-232)	SHUTOFF (USB)	A	В	D
RFID	IN-LINE Hose Barb	1/4" ID	6.4mm ID	iUDCDR1700400	iUDCDR1700401	2 (50.8)	3.49 (88.6)	
		3/8" ID	9.5mm ID	iUDCDR1700600	iUDCDR1700601	2 (50.8)	3.49 (88.6)	
		1/2" ID	12.7mm ID	iUDCDR1700800	iUDCDR1700801	2 (50.8)	3.49 (88.6)	
		5/8" ID	15.9mm ID	iUDCDR1701000		2 (50.8)	3.49 (88.6)	
The state of the s		3/4" ID	19mm ID	iUDCDR1701200		2 (50.8)	3.49 (88.6)	
OF D	PANEL MOUNT	1/4" ID	6.4mm ID	iUDCDR1600400	iUDCDR1600401	Refer to		
	HOSE BARB	3/8" ID	9.5mm ID	iUDCDR1600600	iUDCDR1600601	cpcworldwide.co	om	
		1/2" ID	12.7mm ID	iUDCDR1600800	iUDCDR1600801	for dimensions		

CAPS - Acetal / Polypropylene

	TERMINATION	DESCRIPTION	METRIC EQ.	SHUTOFF	SHUTOFF	A	В	D
RFID	ACETAL Thread-on 38mm valved	Without thread seal With thread seal	38mm 38mm	iUDCDTCN3803 iUDCDTCS3803		1.7 (43.2) 1.7 (43.2)	1.47 (37.3) 1.47 (37.3)	
RFID	POLYPROPYLENE Snap-in 38mm Valved		38mm	iUDCDTSN0000		1.76 (44.7)	1.77 (45.0)	
RFID	POLYPROPYLENE Thread-on 38MM valved	Without thread seal With thread seal	38mm 38mm	iUDCDTCN3800 iUDCDTCS3800		1.48 (37.6) 1.48 (37.6)	1.48 (37.6)	

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.

