

# UDC SERIES 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 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

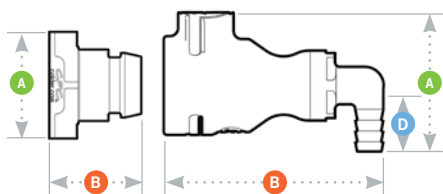
Universal 38mm cap	→	Fits industry standard fitment necks
Flush face/non-spill valves	→	Minimize spillage
Integral terminations	→	Fewer leak points, shorter assemblies, faster installations
Shrouded thumb latch	→	Protects against accidental disconnects
RFID technology (iUDC only)	→	Helps maintain warranty, integrity, brand protection

### BENEFITS

**NSF**

## 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
- B = Total Length
- D = Elbow Radial Length

# UDC SERIES DIMENSIONS


## COUPLING BODIES - Polypropylene

TERMINATION	TUBING SIZE	SILICONE O-RING	BUNA-N O-RING	EPDM O-RING	A	B	D
	<b>IN-LINE HOSE BARB</b>	3/8" ID	99000	98400	98500	1.73 (43.9)	3.06 (77.7)
		1/2" ID	95600	97600	95300	1.73 (43.9)	3.06 (77.7)
		5/8" ID	99100	97900	98100	1.73 (43.9)	3.2 (81.3)
		3/4" ID	99200	98600	98700	1.73 (43.9)	3.21 (81.5)
	<b>ELBOW HOSE BARB</b>	3/8" ID	99300	97800	99400	1.73 (43.9)	3.25 (82.6) 0.93 (23.6)
		1/2" ID	95400	97700	95100	1.73 (43.9)	3.25 (82.6) 0.93 (23.6)



## CAPS - Acetal / Polypropylene

	TERMINATION	DESCRIPTION	SILICONE O-RING	BUNA-N O-RING	EPDM O-RING	<div>A</div>	<div>B</div>	<div>D</div>
	ACETAL THREAD-ON 38MM VALVED	Without thread seal	95800	96400	97400	1.7 (43.2)	1.47 (37.3)	0.93 (23.6)
		With thread seal	95801	96401	97401	1.7 (43.2)	1.47 (37.3)	0.93 (23.6)
	POLYPROPYLENE SNAP-IN 38MM VALVED	9461300			9500000	1.15 (29.2)	1.77 (45.0)	
		Note: Snap-in closure designed to fit Scholle 900 bag necks.						
	POLYPROPYLENE THREAD-ON 38MM VALVED	With thread seal			9462000	1.7 (43.2)	1.48 (37.6)	




## CLEAN-IN-PLACE (CIP) ADAPTER - Acetal

TERMINATION	DESCRIPTION	PART NO.	A	B	D
	<b>IN-LINE</b>	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	B	D
 <b>RFID</b>	<b>IN-LINE HOSE BARB</b>	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)
		3/4" ID	19mm ID	iUDCDR1701200		2 (50.8)	3.49 (88.6)
 <b>RFID</b>	<b>PANEL MOUNT HOSE BARB</b>	1/4" ID	6.4mm ID	iUDCDR1600400	iUDCDR1600401	Refer to cpcworldwide.com for dimensions	
		3/8" ID	9.5mm ID	iUDCDR1600600	iUDCDR1600601		
		1/2" ID	12.7mm ID	iUDCDR1600800	iUDCDR1600801		

## CAPS - Acetal / Polypropylene

TERMINATION	DESCRIPTION	METRIC EQ.	SHUTOFF	SHUTOFF	A	B	D
 <b>RFID</b>	<b>ACETAL THREAD-ON 38MM VALVED</b>	Without thread seal	38mm	iUDCDTCN3803		1.7 (43.2)	1.47 (37.3)
		With thread seal	38mm	iUDCDTCS3803		1.7 (43.2)	1.47 (37.3)
 <b>RFID</b>	<b>POLYPROPYLENE SNAP-IN 38MM VALVED</b>	38mm	iUDCDTSN0000		1.76 (44.7)	1.77 (45.0)	
 <b>RFID</b>	<b>POLYPROPYLENE THREAD-ON 38MM VALVED</b>	Without thread seal	38mm	iUDCDTCN3800		1.48 (37.6)	1.48 (37.6)
		With thread seal	38mm	iUDCDTCS3800		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.