

# 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 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

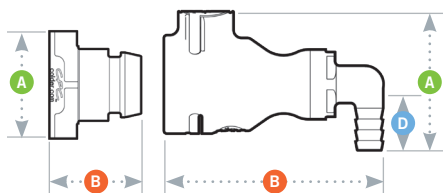
|                             |   |   |
|-----------------------------|---|---|
| Universal 38mm cap          | → | Fits industry standard fitment necks                        |
| Flush face/non-spill valves | → | Minimize spillage   |
| Integral terminations       | → | Fewer leak points, shorter assemblies, 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



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# UDC SERIES DIMENSIONS


## COUPLING BODIES - Polypropylene

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

## CAPS - Acetal / Polypropylene

|  | TERMINATION                               | DESCRIPTION  | SILICONE O-RING | BUNA-N O-RING  | EPDM O-RING    | A                        | B                          | D                          |
|---|---|--|-----------------|----------------|----------------|--------------------------|----------------------------|----------------------------|
|   | ACETAL<br>THREAD-ON<br>38MM VALVED        | Without thread seal<br>With thread seal                      | 95800<br>95801  | 96400<br>96401 | 97400<br>97401 | 1.7 (43.2)<br>1.7 (43.2) | 1.47 (37.3)<br>1.47 (37.3) | 0.93 (23.6)<br>0.93 (23.6) |
|  | POLYPROPYLENE<br>SNAP-IN 38MM<br>VALVED   |  | 9461300         |                | 9500000        | 1.15 (29.2)              | 1.77 (45.0)                |                            |
|   |   | Note: Snap-in closure designed to fit Scholle 900 bag necks. |                 |                |                |                          |                            |                            |
|  | POLYPROPYLENE<br>THREAD-ON<br>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 |
|---|-------------|---------------------|----------|-------------|-------------|---|
|   | IN-LINE     | 1/2" HB (no o-ring) | 96000    | 1.15 (29.2) | 1.56 (39.6) |   |