



UDC SERIES

Specifications

Pressure:
20" Hg vacuum to 15 psi, 1 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

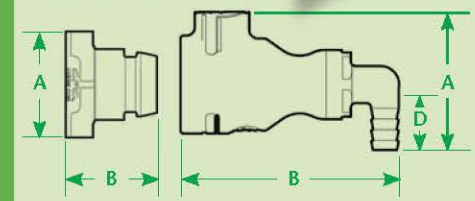
Color: Light gray with dark gray latch

Closure Size: SP-400 thread/38mm snap-in

Tubing Sizes:
3/8" to 3/4" ID, 9.5mm to 19.0mm ID

All UDC Series products are listed under NSF/ANSI standard 169

Product Dimensions



A = Height/Diameter
B = Total Length
D = Elbow Radial Length

The patented 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.

Features

- Universal 38mm cap
- Flush face/non-spill valves
- Integral terminations
- Shrouded thumb latch
- RFID technology (iUDC only)

Benefits

- Fits industry standard fitment necks
- Minimize spillage
- Fewer leak points, shorter assemblies, faster installations
- Protects against accidental disconnects
- Helps maintain warranty, integrity, brand protection

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	99000	98400	98500	1.73	3.06	
	1/2" ID	95600	97600	95300	1.73	3.06	
	5/8" ID	99100	97900	98100	1.73	3.20	
	3/4" ID	99200	98600	98700	1.73	3.21	
ELBOW HOSE BARB	3/8" ID	99300	97800	99400	1.73	3.25	.93
	1/2" ID	95400	97700	95100	1.73	3.25	.93

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

Caps ACETAL

TERMINATION	DESCRIPTION	SILICONE O-RING	BUNA-N O-RING	EPDM O-RING	A	B
THREAD-ON, 38MM, VALVED	Without thread seal	95800	96400	97400	1.70	1.47
	With thread seal	95801	96401	97401	1.70	1.47

POLYPROPYLENE

TERMINATION	DESCRIPTION	SILICONE O-RING	EPDM O-RING	A	B
SNAP-IN 38MM VALVED		9461300	9500000	1.15	1.77
THREAD-ON, 38MM, VALVED	With thread seal		9462000	1.70	1.48

NOTE: Snap-in closure designed to fit Scholle 900 bag necks.

Clean-in-Place (CIP) Adapter ACETAL

TERMINATION	DESCRIPTION	PART NO.	A	B
IN-LINE	1/2" HB (no o-ring)	96000	1.15	1.56

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.



The **IdentiQuik®** Series of smart couplings are RFID enabled couplings used on equipment and in processes. RFID is an identification method that relies on remotely writing and reading data. Smart coupling applications include: inventory level meters, surgical tool identification, product protection and many more.

SMART COUPLINGS WITH RFID

IdentiQuik UDC Series

- Identify misconnections: eliminate out-of-sequence connections or misconnections due to operator error
- Protect your brand: prevent out-of-date, incorrect or misapplied products from being used
- Prolong equipment life: prevent the accidental or unintentional use of harmful media
- Save time: automatic documentation of package and media lot numbers, date codes and more

RFID Specifications

RF Communication Range: Approximately 1"

Operating voltage:
8-24 V standard

Power Consumption:
1.2W Maximum

Communications:
ASCII RS-232 (DB-9), USB

RFID Tag:
13.56 MHz
ISO 15693 - 112 bytes programmable

Temperature:
32°F to 150°F (0 C to 66 C)

Patented

Coupling Readers POLYPROPYLENE

Product Dimensions (See drawing on page 106)

TERMINATION	TUBING SIZE	METRIC EQ.	SHUTOFF	A	B
IN-LINE HOSE BARB	1/4" ID	6.4mm ID	iUDCDR1700400	2.00	3.49
	3/8" ID	9.5mm ID	iUDCDR1700600	2.00	3.49
	1/2" ID	12.7mm ID	iUDCDR1700800	2.00	3.49
	5/8" ID	15.9mm ID	iUDCDR1701000	2.00	3.49
PANEL MOUNT HOSE BARB	3/4" ID	19mm ID	iUDCDR1701200	2.00	3.49
	1/4" ID	6.4mm ID	iUDCDR1600400	Visit	
	3/8" ID	9.5mm ID	iUDCDR1600600	www.colder.com	
	1/2" ID	12.7mm ID	iUDCDR1600800		

Caps ACETAL

TERMINATION	DESCRIPTION	METRIC EQ.	SHUTOFF	A	B
THREAD-ON, 38MM, VALVED	Without thread seal	38mm	iUDCDTCN3803	1.70	1.47
	With thread seal	38mm	iUDCDTCS3803	1.70	1.47

POLYPROPYLENE

TERMINATION	DESCRIPTION	METRIC EQ.	SHUTOFF	A	B
THREAD-ON, 38MM, VALVED	Without thread seal	38mm	iUDCDTCN3800	1.70	1.48
	With thread seal	38mm	iUDCDTCS3800	1.70	1.48

TERMINATION	METRIC EQ.	SHUTOFF	A	B
SNAP-IN 38MM, VALVED	38mm	iUDCDTSN0000	1.62	1.76

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

Materials are listed on page 106. Customized parts (materials, voltage, termination, cable length, etc.) available. Call for more information.

Call toll free 1-800-444-2474 or visit us at www.colder.com

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