



UDC SERIES

The patented 3/8" flow Universal Dispensing Coupler (UDC) provides a universal connection to a 38mm 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	Benefits
<ul style="list-style-type: none"> Universal 38mm cap Flush face/non-spill valves Integral terminations 	<ul style="list-style-type: none"> Fits most manufacturers' fitment necks Minimizes spillage Fewer leak points, shorter assemblies, faster installations
<ul style="list-style-type: none"> Shrouded thumb latch RFID technology (iUDC only) 	<ul style="list-style-type: none"> Protects against accidental disconnects Helps maintain warranty, integrity, brand protection

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: Stainless steel
UDC caps: Acetal, polypropylene
O-rings (food grade):
 UDC: EPDM, silicone, Buna-N
 iUDC: EPDM, silicone
CIP adapter: Acetal

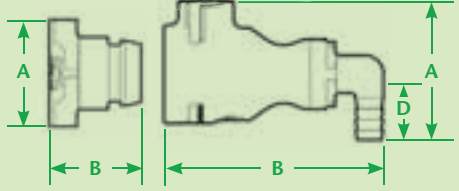
Color: Light gray with dark gray latch

Closure Size: SP-400 38mm

Tubing Sizes:
1/4" to 3/8" ID, 6.4mm to 9.5mm ID



Product Dimensions



- A = Height/Diameter
- B = Total Length (including valve)
- D = Elbow Radial Length

Coupling Bodies

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TERMINATION	TUBING SIZE	SILICONE O-RING	BUNA-N O-RING	EPDM O-RING	A	B
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



TERMINATION	TUBING SIZE	SILICONE O-RING	BUNA-N O-RING	EPDM O-RING	A	B	D
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

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TERMINATION	DESCRIPTION	SILICONE O-RING	EPDM O-RING	A	B
SNAP-IN 38MM VALVED		9461300	9500000	1.15	1.77
	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.

SMART COUPLINGS WITH RFID



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.

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:
8-25 V standard,
5V only available

Power Consumption:
350mW maximum

Communications:
ASCII RS-232 (DB-9)

RFID Tag:
13.56 MHz
ISO/5693 - 112 bytes
programmable

NOTE: I-Code SL1 tags are available for existing applications, contact the factory for assistance.

Temperature:
32°F to 158°F
(0°C to 70°C)

Coupling Readers

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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	iUDCD4HP24A00	2.00	3.49
	3/8" ID	9.5mm ID	iUDCD6HP24A00	2.00	3.49
	1/2" ID	12.7mm ID	iUDCD8HP24A00	2.00	3.49
	5/8" ID	15.9mm ID	iUDCD10HP24A00	2.00	3.49
	3/4" ID	19mm ID	iUDCD12HP24A00	2.00	3.49

Caps

ACETAL



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

POLYPROPYLENE



TERMINATION	DESCRIPTION	METRIC EQ.	SHUTOFF	A	B
THREAD-ON, 38MM, VALVED	Without thread seal	38mm	iUDC12DPU	1.70	1.48
	With thread seal	38mm	iUDC12DPT	1.70	1.48



TERMINATION	METRIC EQ.	SHUTOFF	A	B
SNAP-IN 38MM, VALVED	38mm	iUDCDPS	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 104. Customized parts (materials, voltage, termination, cable length, etc.) available. Call for more information.



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