

PUNCTURE SEAL SERIES CONNECTOR

The 1/4" flow Puncture Seal dispensing system provides clean and safe liquid dispensing from bag-in-box (BIB) or other types of flexible packaging. The system consists of a Puncture Seal closure cap and a specially designed quick disconnect coupling body. The closure makes a positive thread or snap-in seal with a 38mm fitment neck. The Puncture Seal coupling body automatically breaks the membrane seal on the closure cap when connected. To switch to a new container, simply depress the CPC thumb latch to disconnect the system and then connect the Puncture Seal coupling body to a fresh container.

SPECIFICATIONS

PRESSURE:

120 psi, 8.3 bar (coupling body)

TEMPERATURE:

32°F to 160°F (0°C to 71°C)

MATERIALS:

Main components and valves: Polypropylene

38mm closure: Polyethylene (LDPE)

Thumb latch: Stainless steel

Valve spring: 316 stainless steel

External spring and pin: Stainless steel

O-rings: EPDM

CLOSURE SIZE: SP-400 38mm

TUBING SIZES:

1/4" and 3/8" ID, 6.4mm and 9.5mm ID



SCAN

cpcworldwide.com/Puncture-Seal

FEATURES

- Puncture Seal coupling → Easily breaks the Puncture Seal membrane
- Polypropylene and polyethylene materials → Greater chemical resistance
- Puncture Seal membrane → Eliminates shipping caps and o-rings
- CPC thumb latch → One-hand connection and disconnection

BENEFITS



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.



PUNCTURE SEAL SERIES DIMENSIONS

COUPLING BODIES - Polypropylene



TERMINATION	TUBING SIZE	METRIC EQ.	STRAIGHT THRU	SHUTOFF	LENGTH
IN-LINE HOSE BARB	1/4" ID	6.4mm ID	PS1700412	PSD1700412	1.95 (49.5)
	3/8" ID	9.5 mm ID		PSD1700612	1.95 (49.5)

CLOSURE - Polyethylene



TERMINATION	PART NO.	LENGTH	HEIGHT
THREAD-ON 38MM VALVED	PSC38mm	1.7 (43.2)	1.12 (28.4)
SNAP-IN 38MM VALVED	496200	1.88 (47.8)	1.62 (41.1)

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

DID YOU KNOW

CPC's Puncture Seal closures can be used to dispense virtually any liquid from flexible packages.

The Puncture Seal makes transporting and dispensing cleaning concentrates, dry cleaning chemicals and soaps cleaner and safer. Printing inks, photo developers and dying agents can also be dispensed quickly and easily, without messy drips or spills. The Puncture Seal can also be used with beverage and condiment dispensing systems, just look for the NSF-listed part numbers.

CLOSURE DETAIL



