

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 38 mm 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

38 mm 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 38 mm

TUBING SIZES:

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

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

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.



cpcworldwide.com/Puncture-Seal



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PUNCTURE SEAL SERIES DIMENSIONS

COUPLING BODIES - Polypropylene



TERMINATION	TUBING SIZE	METRIC EQ.	STRAIGHT THRU	SHUTOFF	LENGTH
IN-LINE HOSE BARB	1/4" ID	6.4 mm 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 38 MM VALVED	PSC38 mm	1.7 (43.2)	1.12 (28.4)
SNAP-IN 38 MM VALVED	496200	1.88 (47.8)	1.62 (41.1)

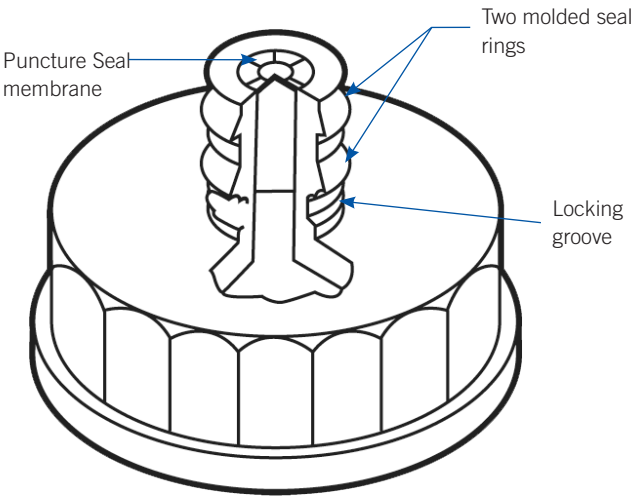
Note: Snap-in closure designed to fit Scholle 900 bag necks.

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



WARRANTY: All sales are subject to the Colder Products Company® limited express warranty set forth in the CPC catalog. Contact your local distributor or CPC Customer Service for warranty provisions.

Warning: Due to the wide variety of possible fluid media and operating conditions, unintended consequences may result from the use of this product, all of which are beyond the control of CPC. It is the user's responsibility to carefully determine and test for compatibility for use with their application. All such risks shall be assumed by the buyer.

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