

NS1 SERIES CONNECTOR

NS1 Couplings compact design is packed full of features including non-spill shutoff valves that ensure drip-free disconnects, and eliminate the need to purge air from the system. The smallest plastic non-spill coupling on the market, NS1 is perfect for applications with tubing from 1/8-inch and smaller. Its rotating design allows tubing to move freely without kinks. Ideal for applications that need to be connected and disconnected often, the ergonomic, user-friendly interface enables a secure, reliable connect and disconnect.



SPECIFICATIONS

PRESSURE:

Vacuum to 15 psi, 1.0 bar

TEMPERATURE:

32°F to 120°F (0°C to 49°C)

MATERIALS:

Main Components:

Glass-filled polypropylene, PEEK®, polypropylene

Thumb latch: PEEK®

Springs: 316 stainless steel

O-rings: EPDM

COLOR: Gray

TUBING SIZES:

Microbore to 1/8" ID (Microbore to 3.2mm)

SPILLAGE:

0.02 cc per disconnect rated @ 15 psi

INCLUSION: 0.01 cc per connect

WARNING: Pressure, temperature, chemicals, and operating environment can affect the performance of couplings. It is the customer's responsibility to test the suitability of CPC products in their own application conditions.

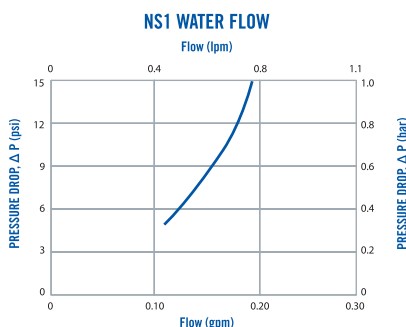


cpcworldwide.com/NS1

FEATURES

- | | | |
|--------------------------------|---|--|
| Non-spill design | → | Closed system for drip-free disconnect |
| Ultra low air inclusion | → | Minimizes contaminants, eliminates the need to purge air bubbles from the system |
| Intuitive interface | → | User friendly ergonomic design enables a secure, reliable connection |
| Rotating design | → | Allows tubing to move freely or relax without kinking or leaking |
| Chemically resistant materials | → | Reliable strength and performance in a range of applications |

BENEFITS



This graph intended to give you a general idea of the performance capabilities of each product line. The shaded area of each graph represents the operating range of the product family, i.e., upper and lower values are shown. Therefore, depending on the exact coupling configurations selected, you can reasonably expect values to fall within the shaded area.

NS1 SERIES DIMENSIONS

COUPLING BODIES - Polypropylene



TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	SHUTOFF	A	B
IN-LINE HOSE BARB	1/8" ID	3.2 MM ID	NS1D170212	0.61 (15.5)	1.33 (33.8)
IN-LINE WITH A 1/4-28 FLAT BOTTOM PORT	1/8" OD OR SMALLER*	3.2 MM OD OR SMALLER*	NS1D19042812	0.61 (15.5)	1.21 (30.7)
IN-LINE WITH A 1/4-28 MALE THREAD			NS1D10042812	0.61 (15.5)	1.28 (32.5)

COUPLING INSERTS - Polypropylene



TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	SHUTOFF	A	B
IN-LINE HOSE BARB	1/8" ID	3.2 MM ID	NS1D220212	0.44 (11.2)	1.04 (26.4)
IN-LINE WITH A 1/4-28 FLAT BOTTOM PORT	1/8" OD OR SMALLER*	3.2 MM OD OR SMALLER*	NS1D26042812	0.44 (11.2)	0.92 (23.4)
IN-LINE WITH A 1/4-28 MALE THREAD			NS1D24042812	0.49 (12.4)	0.99 (25.1)
PANEL MOUNT HOSE BARB	1/8" ID	3.2 MM ID	NS1D420212	0.7 (17.8)	1.56 (39.6)
PANEL MOUNT WITH A 1/4-28 FLAT BOTTOM PORT	1/8" OD OR SMALLER*	3.2 MM OD OR SMALLER*	NS1D48042812	0.7 (17.8)	1.45 (36.8)

*Tubing size dependent on nut and ferrule used with 1/4-28 port.

ACCESSORIES



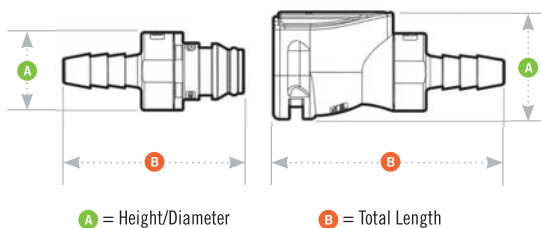
DESCRIPTION	MATERIAL	PART NO.
BULKHEAD O-RING; FOR SEALING PANEL MOUNT INSERTS LISTED ABOVE	EPDM	731303

FERRULES



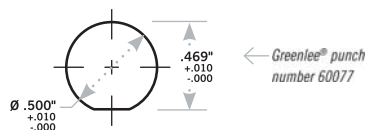
FOR 1/4-28 NUTS AND FERRULES, SEE PAGE 37 OR VISIT CPCWORLDWIDE.COM

PRODUCT DIMENSIONS



PANEL DIMENSIONS

	PANEL OPENING	PANEL THICKNESS MAX. - MIN.	PANEL NUT HEX	PANEL NUT THREAD
COUPLING INSERTS	see drawing	0.29 - 0.05	5/8	1/2-24UNS



NS212 SERIES CONNECTOR

NS212 Series couplings were built on the company's proven platform of non-spill valves designed to provide fast, safe and leak-free fluid line connections. The NS212 is an easy, twist-to-connect coupling with an integrated locking mechanism and double-sided non-spill shutoff valves. It is also chemically resistant and ideal for a diverse range of applications including printing and ink management, analytical instrumentation, electronic cooling and chemical handling. NS212 couplings provide high-flow fluid transfer in a small footprint.



SPECIFICATIONS

PRESSURE:

Vacuum to 45 psi, 3.1 bar

TEMPERATURE:

32°F to 120°F (0°C to 49°C)

MATERIALS:

Main components: Glass-filled polypropylene

Valve spring: 316 stainless steel

Seal material:

EPDM (FKM/Simriz® FFKM optional)

COLOR: Gray with black accent standard

TUBING SIZES:

1/8" and 1/4" ID, 3.2mm and 6.4mm ID

SPILLAGE: <0.025 cc/disconnect

INCLUSION: 0.009 cc/connect

WARNING: Pressure, temperature, chemicals, and operating environment can affect the performance of couplings. It is the customer's responsibility to test the suitability of CPC products in their own application conditions.



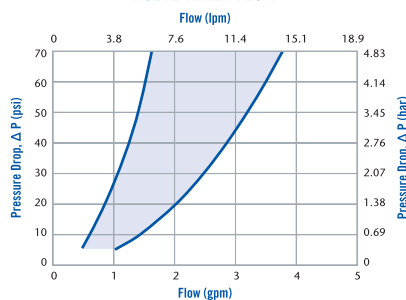
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FEATURES

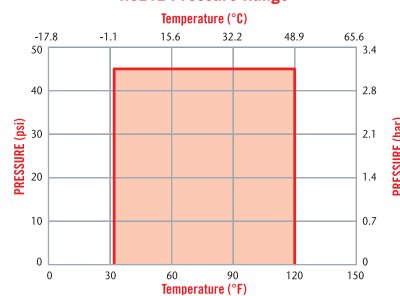
- Efficient, non-spill design → Disconnect under pressure with no spills
- Multiple seal materials → Broad chemical compatibility for diverse applications
- Twist-to-connect locking → Easy, non-spill connections in tight spaces
- Compact design → High flow in a small connector
- Ultra low air inclusion → Minimizes contaminants, reduces the need to purge lines

BENEFITS

NS212 WATER FLOW



NS212 Pressure Range



These graphs are intended to give you a general idea of the performance capabilities of each product line. The shaded area of each graph represents the operating range of the product family, i.e., upper and lower values are shown. Therefore, depending on the exact coupling configurations selected, you can reasonably expect values to fall within the shaded area.

NS212 SERIES DIMENSIONS

COUPLING BODIES - Polypropylene

TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	SHUTOFF	A	B
 IN-LINE PIPE THREAD	1/8" NPT		NS2D100212	0.71 (18.0)	1.74 (44.2)
 IN-LINE FERRULELESS POLYTUBE FITTING, PTF†	1/4" OD, .17 ID	6.4mm OD, 4.3mm ID	NS2D130412	0.71 (18.0)	1.87 (47.5)
 IN-LINE HOSE BARB	1/8" ID	3.2mm ID	NS2D170212	0.71 (18.0)	1.87 (47.5)
	1/4" ID	6.4mm ID	NS2D170412	0.71 (18.0)	2.05 (52.1)
 PANEL MOUNT FERRULELESS POLYTUBE FITTING, PTF†	1/4" OD, .17 ID	6.4mm OD, 4.3mm ID	NS2D120412	0.88 (22.4)	1.87 (47.5)
 PANEL MOUNT HOSE BARB	1/8" ID	3.2mm ID	NS2D160212	0.88 (22.4)	1.79 (45.5)
	1/4" ID	6.4mm ID	NS2D160412	0.88 (22.4)	2.05 (52.1)

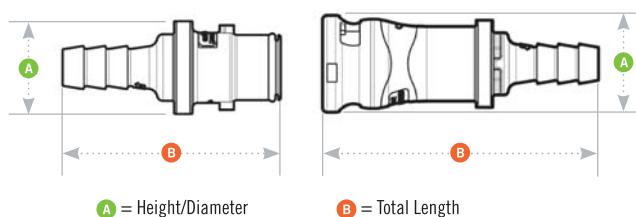
COUPLING INSERTS - Polypropylene

TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	SHUTOFF	A	B
 IN-LINE PIPE THREAD	1/8" NPT		NS2D240212	0.64 (16.3)	1.27 (32.3)
 IN-LINE FERRULELESS POLYTUBE FITTING, PTF†	1/4" OD, .17 ID	6.4mm OD, 4.3mm ID	NS2D200412	0.64 (16.3)	1.39 (35.3)
 IN-LINE HOSE BARB	1/8" ID	3.2mm ID	NS2D220212	0.64 (16.3)	1.32 (33.5)
	1/4" ID	6.4mm ID	NS2D220412	0.64 (16.3)	1.52 (38.6)

ACCESSORIES

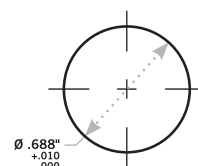
DESCRIPTION	MATERIAL	PART NO.
PANEL MOUNT GASKET REPLACEMENT: FOR SEALING PANEL MOUNT BODIES LISTED ABOVE	Buna-N	1830300

PRODUCT DIMENSIONS



PANEL DIMENSIONS

	PANEL OPENING	PANEL THICKNESS MAX.-MIN.
COUPLING BODIES	see drawing	0.30- 0.05



NS4 SERIES CONNECTOR

NS4 Series couplings feature non-spill valves in a compact size, at a great price. Use the NS4 when even a few drops pose problems regarding media cost or environmental regulations. These innovative couplings are lightweight, chemically resistant and easy to use. The non-spill design effectively eliminates spills and minimizes downtime. NS4 couplings are also available with optional RFID (Radio Frequency Identification) capability.

SPECIFICATIONS

PRESSURE:

Vacuum to 120 psi, 8.3 bar

TEMPERATURE:

32°F to 160°F (0°C to 71°C)

MATERIALS:

Main components and valves:

Glass-filled polypropylene with TPV* overmold, ABS with TPE* soft-touch overmold

Thumb latch: Glass-filled polypropylene, ABS

Valve spring: 316 stainless steel

External spring: 316 stainless steel

O-rings: EPDM

COLOR:

Polypropylene: Gray with dark gray overmold standard; gray with red or blue overmold available†

ABS: White with teal overmold

TUBING SIZES:

1/8" to 3/8" ID, 3.2mm to 9.5mm ID

LUBRICANTS: Krytox® PFPE (inert)

SPILLAGE:

<0.10 cc per disconnect at all rated pressures

INCLUSION: 0.26 cc per connect

WARNING: Pressure, temperature, chemicals, and operating environment can affect the performance of couplings. It is the customer's responsibility to test the suitability of CPC's products in their own application conditions.

*The overmold material TPV (thermoplastic vulcanizate) is used with the NS4 polypropylene couplings. TPV is an alloy of polypropylene thermoplastic and fully vulcanized EPDM rubber. TPV is typically resistant to water, acids and bases. The overmold material TPE (thermoplastic elastomer) is used with the NS4 ABS couplings. TPE is a blend of additives and copolymers in a special formulation that forms extremely durable bonds to the ABS substrate, while offering the traditional properties of soft-touch overmold.

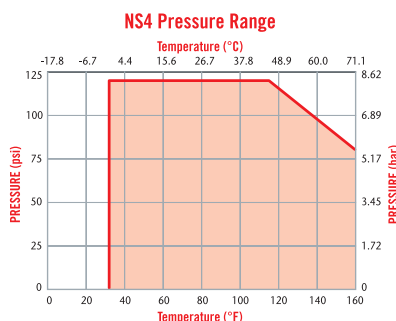
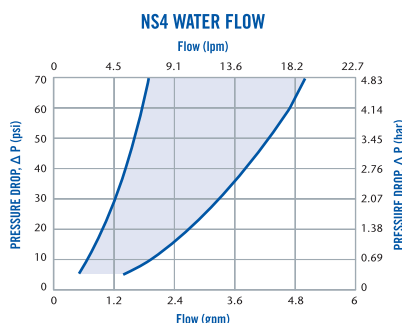
†NOTE: Standard product is gray; color options require a minimum quantity. Please contact CPC for details.



FEATURES

- Non-spill design → Disconnect under pressure with no spills
- Color coding → Instant visual differentiation of media lines
- Glass-filled polypropylene → Durable and compatible with many chemicals
- Medical-grade ABS → Gamma sterilizable

BENEFITS



SCAN

These graphs are intended to give you a general idea of the performance capabilities of each product line. The shaded area of each graph represents the operating range of the product family, i.e., upper and lower values are shown. Therefore, depending on the exact coupling configurations selected, you can reasonably expect values to fall within the shaded area.

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NS4 SERIES DIMENSIONS

COUPLING BODIES - Polypropylene/ABS

TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	ABS SHUTOFF	POLYPROPYLENE SHUTOFF	A	B
IN-LINE PIPE THREAD	1/4" NPT		NS4D1000406	NS4D10004	1.05 (26.7)	2.31 (58.7)
	1/4" BSPT			NS4D10004BSPT	1.05 (26.7)	2.29 (58.2)
IN-LINE FERRULESS POLYTUBE FITTING, PTF†	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	NS4D1300606	NS4D13004	1.05 (26.7)	2.32 (58.9)
	3/8" OD, 1/4" ID	9.5mm OD, 6.4mm ID		NS4D13006	1.05 (26.7)	2.45 (62.2)
IN-LINE HOSE BARB	1/8" ID*	3.2mm ID*	NS4D1700206	NS4D17002	1.05 (26.7)	2.09 (53.1)
	1/4" ID	6.4mm ID	NS4D1700406	NS4D17004	1.05 (26.7)	2.34 (59.4)
	3/8" ID	9.5mm ID	NS4D1700606	NS4D17006	1.05 (26.7)	2.34 (59.4)
IN-LINE HOSE BARB (RS-232 INTERFACE)	1/8" ID	3.2mm ID		iNS4DR1700200	2.15 (54.6)	3.49 (88.6)
	1/4" ID	6.4mm ID		iNS4DR1700400	2.15 (54.6)	3.49 (88.6)
	3/8" ID	9.5mm ID		iNS4DR1700600	2.15 (54.6)	3.49 (88.6)
IN-LINE HOSE BARB (USB INTERFACE)	1/4" ID	6.4mm ID		iNS4DR1700201	2.15 (54.6)	3.4 (86.4)
	3/8" ID	9.5mm ID		iNS4DR1700401	2.15 (54.6)	3.4 (86.4)
	1/2" ID	12.7mm ID		iNS4DR1700601	2.15 (54.6)	3.4 (86.4)

COUPLING INSERTS - Polypropylene/ABS

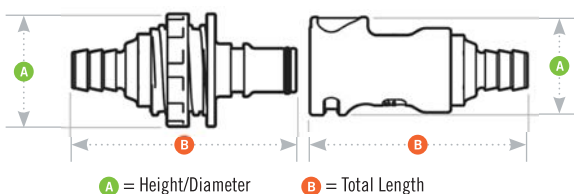
TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	ABS SHUTOFF	POLYPROPYLENE SHUTOFF	A	B
IN-LINE PIPE THREAD	1/4" NPT		NS4D2400406	NS4D24004	0.96 (24.4)	1.95 (49.5)
	1/4" BSPT		NS4D24004BSPT06	NS4D24004BSPT	0.96 (24.4)	1.95 (49.5)
IN-LINE FERRULESS POLYTUBE FITTING, PTF†	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID		NS4D20004	0.96 (24.4)	1.95 (49.5)
	3/8" OD, 1/4" ID	9.5mm OD, 6.4mm ID		NS4D20006	0.96 (24.4)	2.09 (53.1)
IN-LINE HOSE BARB	1/8" ID*	3.2mm ID*		NS4D22002	0.96 (24.4)	1.73 (43.9)
	1/4" ID	6.4mm ID	NS4D2200406	NS4D22004	0.96 (24.4)	1.98 (50.3)
	3/8" ID	9.5mm ID	NS4D2200606	NS4D22006	0.96 (24.4)	1.98 (50.3)
PANEL MOUNT FERRULESS POLYTUBE FITTING, PTF†	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID		NS4D40004	1.17 (29.7)	2.3 (58.4)
	3/8" OD, 1/4" ID	9.5mm OD, 6.4mm ID		NS4D40006	1.17 (29.7)	2.3 (58.4)
PANEL MOUNT HOSE BARB	1/8" ID*	3.2mm ID*		NS4D42002	1.17 (29.7)	2.07 (52.6)
	1/4" ID	6.4mm ID		NS4D42004	1.17 (29.7)	2.32 (58.9)
	3/8" ID	9.5mm ID		NS4D42006	1.17 (29.7)	2.32 (58.9)
PANEL MOUNT HOSE BARB ELBOW	1/4" ID	6.4mm ID		NS4D43004	1.19 (30.2)	2.39 (60.7)
	3/8" ID	9.5mm ID		NS4D43006	1.19 (30.2)	2.39 (60.7)
ELBOW HOSE BARB	1/4" ID	6.4mm ID		NS4D23004	0.96 (24.4)	2.04 (51.8)
	3/8" ID	9.5mm ID		NS4D23006	0.96 (24.4)	2.04 (51.8)
IN-LINE HOSE BARB (RS-232 INTERFACE)	1/4" ID	6.4mm ID		iNS4DT2200400		
	3/8" ID	9.5mm ID		iNS4DT2200600		

All measurements are in inches (millimeters) unless otherwise noted. Tubing must meet stated inside and outside diameters. PTF fittings are designed for semi-rigid tubing, i.e., polyethylene, nylon, polyurethane, etc. †NOTE: CPC's Ferruleless PTF (polytube fitting) terminations do not require ferrules to achieve a secure connection and are therefore easier to use and reuse. *NOTE: 1/8" ID (3.2mm) hose barb connection has a support shroud allowing a maximum tube OD of 1/4" (6.4mm).

ACCESSORIES

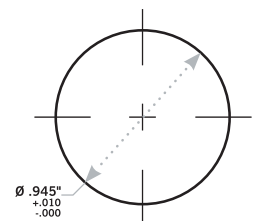
DESCRIPTION	MATERIAL	PART NO.
PANEL MOUNT GASKET REPLACEMENT: FOR SEALING PANEL MOUNT INSERTS LISTED ABOVE	EPDM	1879800
	FKM	1889500

PRODUCT DIMENSIONS



PANEL DIMENSIONS

	PANEL OPENING	PANEL THICKNESS MAX.-MIN.
COUPLING INSERTS	see drawing	0.25 - 0.03



NS6 SERIES CONNECTOR

NS6 Series couplings couplings feature non-spill valves at a great price. Use the NS6 when even a few drops of spillage pose problems regarding safety, media cost or environmental regulations. These innovative couplings are lightweight, chemically resistant and easy to use. The non-spill design virtually eliminates spills and minimizes downtime. Soft touch overmold makes them comfortable in the hand and very attractive.



SPECIFICATIONS

PRESSURE:

Vacuum to 120 psi, 8.3 bar

TEMPERATURE:

32°F to 160°F (0°C to 71°C)

MATERIALS:

Main components and valves:

Glass-filled polypropylene with TPV* soft touch overmold

Thumb latch: Glass-filled polypropylene

Valve spring (wetted): 316 stainless steel

External spring: 316 stainless steel

O-rings: EPDM

COLOR:

Gray with dark gray overmold standard; gray with red or blue overmold available†

TUBING SIZES:

3/8" and 1/2" ID, 9.5mm and 12.7mm ID

LUBRICANTS: Krytox® PFPE (inert)

SPILLAGE:

~0.03 cc per disconnect @ 0 psi,

~0.30 cc/disconnect @ 120 psi

INCLUSION: 0.42 cc per connect

*The overmold material is a TPV (thermoplastic vulcanizate). This TPV is an alloy of polypropylene thermoplastic and fully vulcanized EPDM rubber. The material is typically resistant to water, acids and bases.

†NOTE: Standard product is gray; color options require a set-up charge and minimum quantities. Please contact CPC for details.

FEATURES

Non-spill design

Color coding

Glass-filled polypropylene

CPC thumb latch

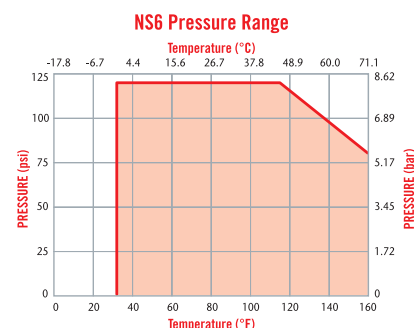
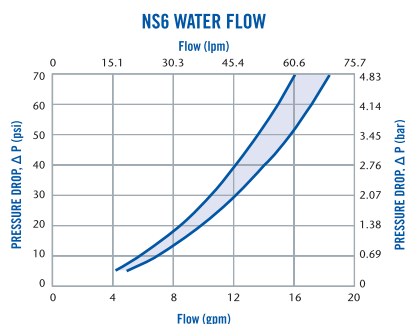
BENEFITS

Disconnect under pressure with no spills

Instant visual differentiation of media lines

Durable and compatible with many chemicals

One-hand connection and disconnection



These graphs are intended to give you a general idea of the performance capabilities of each product line. The shaded area of each graph represents the operating range of the product family, i.e., upper and lower values are shown. Therefore, depending on the exact coupling configurations selected, you can reasonably expect values to fall within the shaded area.



cpcworldwide.com/NS6

NS6 SERIES DIMENSIONS

COUPLING BODIES - Polypropylene

TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	SHUTOFF	A	B
 IN-LINE PIPE THREAD	1/2" NPT		NS6D10008	1.31 (33.3)	3.01 (76.5)
	1/2" BSPT		NS6D10008BSPT	1.31 (33.3)	3.01 (76.5)
 IN-LINE COMPRESSION	1/2" OD	12.7mm OD	NS6D13008	1.31 (33.3)	3.53 (89.7)
 IN-LINE HOSE BARB	3/8" ID	9.5mm ID	NS6D17006	1.31 (33.3)	3.16 (80.3)
	1/2" ID	12.7mm ID	NS6D17008	1.31 (33.3)	3.16 (80.3)

COUPLING INSERTS - Polypropylene

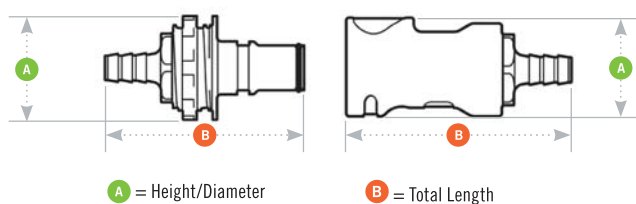
TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	SHUTOFF	A	B
 IN-LINE PIPE THREAD	1/2" NPT		NS6D24008	1.31 (33.3)	2.44 (62.0)
	1/2" BSPT		NS6D24008BSPT	1.31 (33.3)	2.44 (62.0)
 IN-LINE COMPRESSION	1/2" OD	12.7mm OD	NS6D20008	1.31 (33.3)	3.01 (76.5)
 IN-LINE HOSE BARB	3/8" ID	9.5mm ID	NS6D22006	1.31 (33.3)	2.59 (65.8)
	1/2" ID	12.7mm ID	NS6D22008	1.31 (33.3)	2.59 (65.8)
 PANEL MOUNT COMPRESSION	1/2" OD	12.7mm OD	NS6D40008	1.50 (38.1)	3.32 (84.3)
 PANEL MOUNT HOSE BARB	3/8" ID	9.5mm ID	NS6D42006	1.50 (38.1)	2.85 (72.4)
	1/2" ID	12.7mm ID	NS6D42008	1.50 (38.1)	2.85 (72.4)

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.

ACCESSORIES

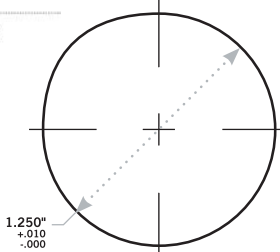
DESCRIPTION	MATERIAL	PART NO.
PANEL MOUNT GASKET REPLACEMENT: FOR SEALING PANEL MOUNT BODIES LISTED ABOVE	EPDM	1884300
	FKM	1889600

PRODUCT DIMENSIONS



PANEL DIMENSIONS

	PANEL OPENING	PANEL THICKNESS MAX.-MIN.
COUPLING INSERTS	see drawing	0.25 - 0.03



1.250"
+0.010
-0.000

NSH SERIES CONNECTOR

NSH Series couplings are general purpose versions of our pressure-balanced, non-spill, ChemQuik® CQG06 couplings. Molded polypropylene, EPDM seals and a 100% springless and metal-free flow path provide broad chemical resistance and exceptionally high flow capacity, allowing instant disconnects (and reconnects), even under pressure. Their non-spill design virtually eliminates spills and minimizes downtime in a very low cost package.



SPECIFICATIONS

PRESSURE:

Vacuum to 120 psi, 8.3 bar

TEMPERATURE:

32°F to 120°F (0°C to 49°C)

MATERIALS:

Main components: Glass-filled polypropylene

Thumb latch: Glass-filled polypropylene

O-rings: EPDM

Springs (non-wetted): 316 stainless steel

Compression nuts: White polypropylene

COLOR:

Gray with dark gray accent standard; red or blue thumb latch and insert tip available.

TUBING SIZES:

3/8" to 3/4" ID, 9.5mm to 19.0mm ID

LUBRICANTS:

Krytox® PFPE (inert)

SPILLAGE:

0.03 cc/connect

INCLUSION:

0.42 cc per connect

PANEL MOUNT:

Optional adaptor kit (see page 89)

WARNING: Pressure, temperature, chemicals, and operating environment can affect the performance of couplings. It is the customer's responsibility to test the suitability of CPC products in their own application conditions. Use the graphs below as a guide.

Compatible with ChemQuik® Dual Containment System; DrumQuik® Universal Dispense System and Asian Drum Adaptors.

FEATURES

Non-spill design

Pressure-balanced design

Springless flow path design

Optional color coding

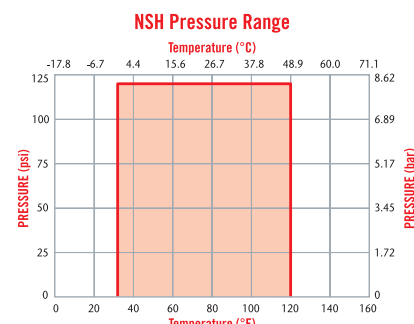
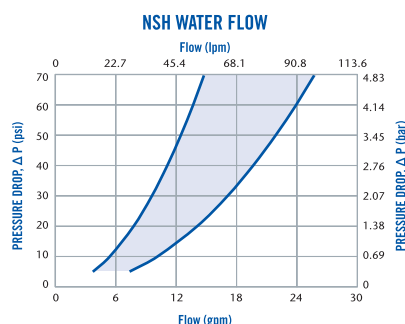
BENEFITS

Ultimate protection from chemicals and fumes

Failsafe disconnect, even under pressure; easy to reconnect at high pressure

Eliminates source of metallic contaminants

Helps prevent accidental misconnects



These graphs are intended to give you a general idea of the performance capabilities of each product line. The shaded area of each graph represents the operating range of the product family, i.e., upper and lower values are shown. Therefore, depending on the exact coupling configurations selected, you can reasonably expect values to fall within the shaded area.



SCAN

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NSH SERIES DIMENSIONS

COUPLING BODIES - Polypropylene



TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	SHUTOFF	A	B
IN-LINE PIPE THREAD	3/8" FEMALE NPT		NSHD19006	2 (50.8)	3.70
	1/2" NPT		NSHD10008	2 (50.8)	3.81
	3/4" NPT		NSHD10012	2 (50.8)	4.01
IN-LINE COMPRESSION	3/8" OD	9.5mm OD	NSHD13006	2 (50.8)	3.97
	1/2" OD	12.7mm OD	NSHD13008	2 (50.8)	4.10
IN-LINE HOSE BARB	3/8" ID	9.5mm ID	NSHD17006	2 (50.8)	3.73
	1/2" ID	12.7mm ID	NSHD17008	2 (50.8)	3.73
	5/8" ID	15.9mm ID	NSHD17010	2 (50.8)	3.88
	3/4" ID	19.0mm ID	NSHD17012	2 (50.8)	3.88

COUPLING INSERTS - Polypropylene



TERMINATION	TUBING/THREAD SIZE	METRIC EQ.	SHUTOFF	A	B
IN-LINE PIPE THREAD	3/8" FEMALE NPT		NSHD26006	1.64 (41.7)	3.87 (98.3)
	3/8" BSPT		NSHD24006BSPT	1.64 (41.7)	3.84 (97.5)
	1/2" NPT		NSHD24008	1.64 (41.7)	3.98 (101.1)
	3/4" NPT		NSHD24012	1.64 (41.7)	3.98 (101.1)
IN-LINE COMPRESSION	3/8" OD	9.5mm OD	NSHD20006	1.64 (41.7)	4.14 (105.2)
	1/2" OD	12.7mm OD	NSHD20008	1.64 (41.7)	4.27 (108.5)
IN-LINE HOSE BARB	3/8" ID	9.5mm ID	NSHD22006	1.64 (41.7)	3.9 (99.1)
	1/2" ID	12.7mm ID	NSHD22008	1.64 (41.7)	3.9 (99.1)
	5/8" ID	15.9mm ID	NSHD22010	1.64 (41.7)	4.05 (102.9)
	3/4" ID	19.0mm ID	NSHD22012	1.64 (41.7)	4.05 (102.9)

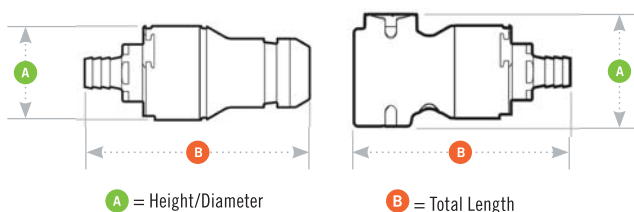
All measurements are in inches (millimeters) unless otherwise noted. Tubing must meet stated inside and outside diameters. *Panel mount kit can be used with body for front mount or insert for front or rear mount.

ACCESSORIES



DESCRIPTION	PART NO.
PANEL MOUNT KIT: WITH PANEL SEAL DUST PLUG/CAP FOR BODY OR INSERT*	NSHPMKIT12 1800700 (not shown)

PRODUCT DIMENSIONS



PANEL DIMENSIONS

	PANEL OPENING	PANEL THICKNESS MAX.-MIN.
COUPLING INSERTS	see drawing	0.50 - 0.12

