



NS6 SERIES

NS6 Series 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, minimizes downtime and enhances operator safety. Soft touch overmold makes them comfortable in the hand and very attractive.

Features

- Non-spill design
- Color coding
- Glass-filled polypropylene
- Colder 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

Specifications

Pressure:
Vacuum to 120 psi, 8.3 bar (see graph)

Temperature:
32°F to 160°F (0°C to 71°C) (see graph)

Materials:
Main components:
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

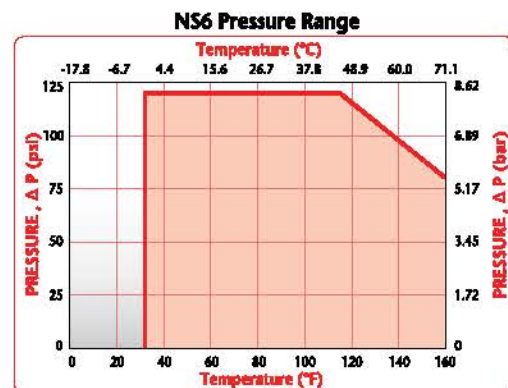
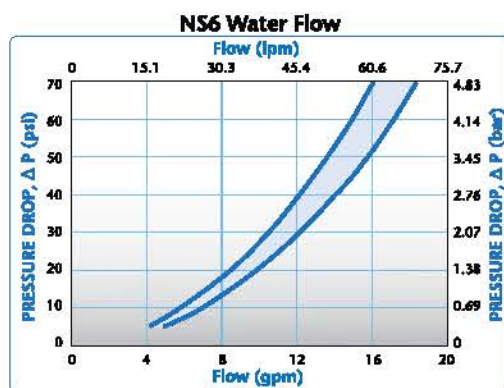
Lubricants: Krytox® PFPE (Inert)

Spillage: ~0.03 cc per disconnect @ 0 psi, ~0.30 cc/disconnect @ 120 psi

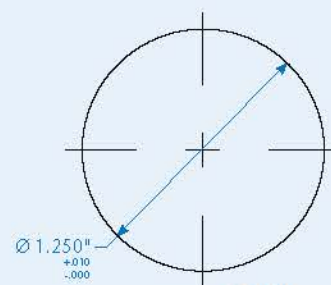
Inclusion: 0.42 cc per connect

*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 Colder for details.

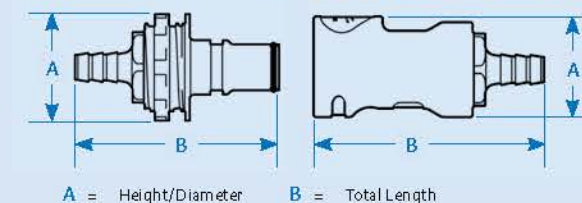


These graphs are intended to give you a general idea of the performance capabilities of each product line. The shaded area of each graph represents the operating range of the product family, i.e., upper and lower values are shown. Therefore, depending on the exact coupling configurations selected, you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



COUPLING INSERTS	PANEL OPENING see drawing	MAX. PANEL THICKNESS .25	MIN. PANEL THICKNESS .03
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Product Dimensions



POLYPROPYLENE

TERMINATION	THREAD SIZE	SHUTOFF	A	B
IN-LINE PIPE THREAD	1/2" NPT	NS6D10008	1.31	3.01
	1/2" BSPT	NS6D10008BSPT	1.31	3.01
IN-LINE COMPRESSION	1/2" OD	NS6D13008	1.31	3.53
IN-LINE HOSE BARB	3/8" ID	NS6D17006	1.31	3.16
	1/2" ID	NS6D17008	1.31	3.16

Coupling Bodies



POLYPROPYLENE

TERMINATION	THREAD SIZE	SHUTOFF	A	B
IN-LINE PIPE THREAD	1/2" NPT	NS6D24008	1.31	2.44
	1/2" BSPT	NS6D24008BSPT	1.31	2.44
IN-LINE COMPRESSION	1/2" OD	NS6D20008	1.31	3.01
IN-LINE HOSE BARB	3/8" ID	NS6D22006	1.31	2.59
	1/2" ID	NS6D22008	1.31	2.59
PANEL MOUNT COMPRESSION	1/2" OD	NS6D40008	1.50	3.32
PANEL MOUNT HOSE BARB	3/8" ID	NS6D42006	1.50	2.85
	1/2" ID	NS6D42008	1.50	2.85

Coupling Inserts



Accessories

PANEL MOUNT GASKET	For sealing panel mount inserts listed above	MATERIAL EPDM FKM	PART NO. 1884300 1889600
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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.