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 safety, media cost or environmental regulations. These innovative couplings are lightweight, chemically resistant and easy to use. The non-spill design effectively eliminates spills, minimizes downtime and enhances operator safety.

Features	Benefits
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

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)

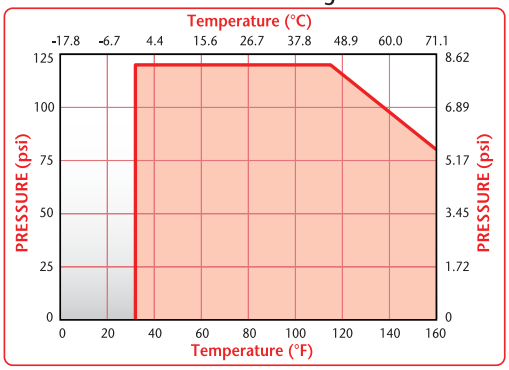
Spillage: <0.10 cc per disconnect at all rated pressures

Inclusion: 0.26 cc per connect

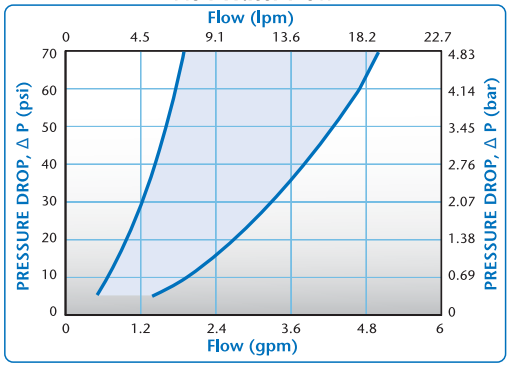
*The overmold material TPV (themoplastic vulcanizate) is used with the NS4 polypropylene couplings. TPV is an alloy of polypropylene thermoplastic and fully vulcanized EPDM rubber. TPV is typically resistant to water, acids and bases. The overmold material TPE (thermoplastic elastomer) is used with the 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 set-up charge and minimum quantities. Please contact Colder for details.

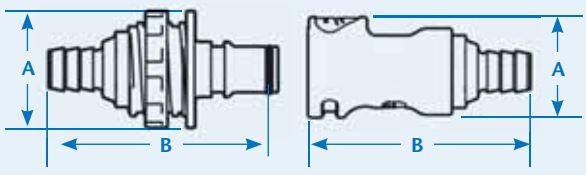
NS4 Pressure Range



NS4 Water Flow

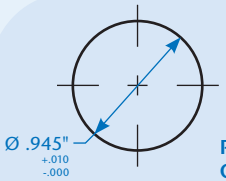


These graphs are intended to give you a general idea of the performance capabilities of each product line. The shaded area of each graph represents the operating range of the product family, i.e., upper and lower values are shown. Therefore, depending on the exact coupling configurations selected, you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



A = Height/Diameter **B** = Total Length (including valve)

Product Dimensions



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