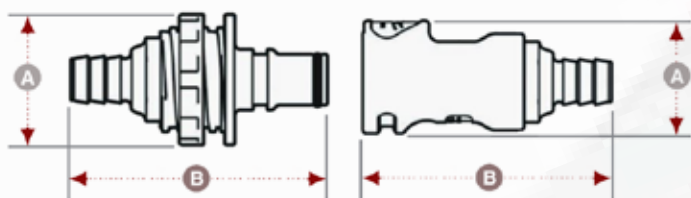


Quick Release: Colder Products NS4 Series

WARNING: Pressure, temperature chemicals and operating environment can affect the performance of couplings. It is the customers responsibility to test the suitability of Colder Products in their own conditions.

All measurements are in inches (millimetres) unless otherwise noted. Tubing must meet stated inside and outside diameters. PTFE fittings are deisgned for semi rigid tubing ie polyethylene, nylon, polyurethane.

*The overmould material TPV (themoplastic vulcanizate) is used with the NS4 polypropylene couplings. TPV is an alloy of used polypropylene thermoplastic and fully vulcanized EPDM rubber. TPV is typically resistant to water, acids and bases. The overmould 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 overmould.



A = Height/Diameter

B = Total Length

Technical Specification

- Pressure Vacuum to 120 PSI (8.3 Bar)
- Temperature 32°F to 160°F (0°C to 71°C)
- Tubing sizes 1/8" to 3/8" ID, 3.2mm to 9.5mm ID

Materials Main Components & Valves

- Glass-filled Polypropylene with TPV overmould, ABS with TPE soft-touch overmould

Materials Thumb Latch

- Glass-filled Polypropylene, ABS

Materials Valve Spring

- 316 Stainless Steel

Materials O-Ring

- EPDM

- Colour: Grey with dark grey overmould standard; grey with red or blue overmould available.† ABS: White with teal overmould

- Lubricants Krytox® PTFE (inert)
- Spillage <0.10cc per disconnect at all rated pressures
- Inclusion 0.26 cc per connect

†NOTE: Standard product is grey; colour options require a minimum quantity order.

Polypropylene / ABS Coupling Bodies

Termination	Thread Size		Polypropylene Shut-Off	ABS Shut-Off	A	B
In-Line Pipe Thread	1/4" NPT		NS4D10004	NS4D1000406	1.05	2.31
	1/4" BSPT		NS4D10004BSPT	NS4D10004BSPT06	1.05	2.29
Termination	Thread Size	Metric E.Q	Polypropylene Shut-Off	ABS Shut-Off	A	B
In-Line Ferrules Polytube Fitting, PTF	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	NS4D13004		1.05	2.32
	3/8" OD, 1/4" ID	9.5mm OD, 6.4mm ID	NS4D13006	NS4D1300606	1.05	2.45
Termination	Thread Size	Metric E.Q	Polypropylene Shut-Off	ABS Shut-Off	A	B
In-Line Hose Barb	1/8" ID*	3.2mm ID*	NS4D17002	NS4D1700206	1.05	2.09
	1/4" ID	6.4mm ID	NS4D17004	NS4D1700406	1.05	2.34
	3/8" ID	9.5mm ID	NS4D17006	NS4D1700606	1.05	2.34



Quick Release: Colder Products NS4 Series

Polypropylene / ABS Coupling Inserts						
Termination	Thread Size		Polypropylene Shut-Off	ABS Shut-Off	A	B
In-Line Pipe Thread	1/4" NPT		NS4D24004	NS4D2400406	0.96	1.95
	1/4" BSPT		NS4D24004BSPT	NS4D24004BSPT06	0.96	1.95
Termination	Thread Size	Metric EQ.	Polypropylene Shut-Off	ABS Shut-Off	A	B
In-Line Ferruleless Polytube Fitting, PTF†	1/4" OD, .170" ID	6.4mm OD, 4.3mm ID	NS4D20004		0.96	1.95
	3/8" OD, 1/40" ID	9.5mm OD, 6.4mm ID	NS4D20006	NS4D2000606	0.96	2.09
Termination	Thread Size	Metric EQ.	Polypropylene Shut-Off	ABS Shut-Off	A	B
In-Line Hose Barb	1/8" ID*	3.2mm ID*	NS4D22002	NS4D2200206	0.96	1.73
	1/4" ID	6.4mm ID	NS4D22004	NS4D2200406	0.96	1.98
	3/8" ID	9.5mm ID	NS4D22006	NS4D2200606	0.96	1.98
Termination	Thread Size	Metric EQ.	Polypropylene Shut-Off	ABS Shut-Off	A	B
Panel Mount Ferruleless Polytube Fitting, PTF†	1/4" OD, .17" ID	6.4mm OD, 4.3mm ID	NS4D40004		1.17	2.3
	3/8" OD, 1/4" ID	9.5mm OD, 6.4mm ID	NS4D40006	NS4D4000606	1.17	2.43
Termination	Thread Size	Metric EQ.	Polypropylene Shut-Off	ABS Shut-Off	A	B
Panel Mount Hose Barb	1/8" ID*	3.2mm ID*	NS4D42002	NS4D4200206	1.17	2.07
	1/4" ID	6.4mm ID	NS4D42004	NS4D4200406	1.17	2.32
	3/8" ID	9.5mm ID	NS4D42006	NS4D4200606	1.17	2.32
Termination	Thread Size	Metric EQ.	Polypropylene Shut-Off		A	B
Panel Mount Hose Barb Elbow	1/4" ID	6.4mm ID	NS4D43004		1.19	2.39
	3/8" ID	9.5mm ID	NS4D43006		1.19	2.39
Termination	Thread Size	Metric EQ.	Polypropylene Shut-Off		A	B
Elbow Hose Barb	1/4" ID	6.4mm ID	NS4D23004		0.96	2.04
	3/8" ID	9.5mm ID	NS4D23006		0.96	2.04



† NOTE: CPC Ferruleless PTF (polytube fitting) terminations do not require ferrules to achieve a secure connection and are therefore easier to use and reuse.

*NOTE: Patented 1/8" ID (3.2mm) hose barb connection has a support shrod allowing a maximum tube OD of 1/4" (6.4mm).

