



NS Series non-spill couplings are designed to minimize spillage and air inclusion when connecting or disconnecting. Couplers and nipples are steel with nitrile seals. 1/2 inch through 1 inch sizes utilize a PTFE back-up ring as additional support to the interface seal.

Features:

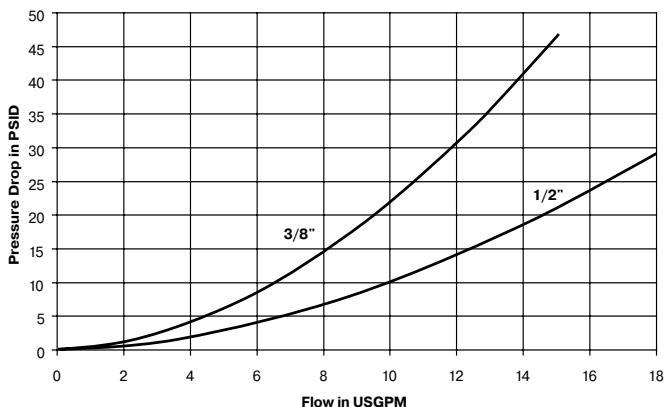
- Rated pressure up to 2500 psi
- Positive valve stop prevents flow checking
- Heat treated steel nipple and heavy duty sleeve withstand pressure surges
- Standard sleeve lock guards against accidental disconnection
- Couplings have protective zinc with clear trivalent chromate finish
- Standard end configurations include female pipe, straight thread ORB, and BSPP
- Alternative seal materials available

Applications:

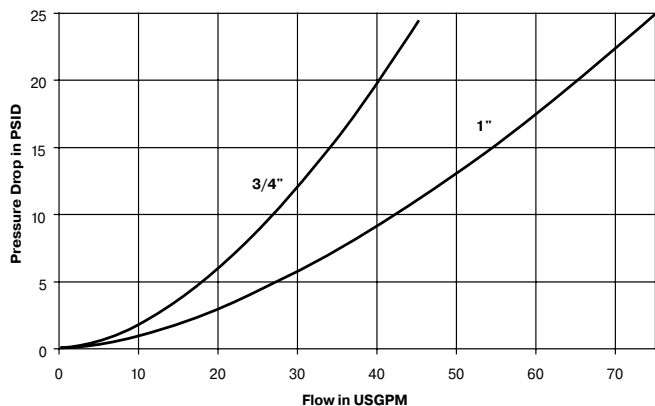
- Hydraulic hand tools
- Utility equipment
- Mining equipment

Performance

NS Series (3/8" & 1/2")
Test Fluid: Oil - 200 SUS



NS Series (3/4" & 1")
Test Fluid: Oil - 200 SUS



Specifications

Body Size	3/8	1/2	3/4	1
Rated Pressure (psi)	2,500			
Rated Flow (gpm)	10	12	30	50
Temperature Range (std seals)	-40° to +250°F			
Spillage (ml) (max. per disconnect)	0.020	0.070	0.150	0.220
Air Inclusion (ml) (max. per disconnect)	0.010	0.020	0.050	0.070

NS Series Dust Plug/Caps



Body Size	Dust Plug/Cap Rubber
3/8	NR-37
1/2	NR-50
3/4	NR-75
1	NR-100



NS Series Couplers



Body Size	Part Number Steel	Thread Size	Length	Largest Diameter	Wrench Flats	Weight (lbs.)
3/8	NS-371-6FP	3/8-18 NPSF	2.10	1.13	1.06	0.36
3/8	NS-371-6FB	G3/8 BSPP	2.10	1.13	1.06	0.38
3/8	NS-371-8FO	3/4-16UNF	2.20	1.13	1.06	0.40
1/2	NS-501-8FP	1/2-14 NPSF	2.88	1.56	1.25	0.84
1/2	NS-501-8FB	G1/2 BSPP	2.95	1.56	1.25	0.74
1/2	NS-501-10FO	7/8-14UNF	2.97	1.56	1.25	0.80
3/4	NS-751-12FP	3/4-14 NPSF	3.19	1.96	1.56	1.48
3/4	NS-751-12FB	G3/4 BSPP	3.38	1.96	1.56	1.54
3/4	NS-751-12FO	1 1/16-12UN	3.51	1.96	1.56	1.58
1	NS-1001-16FP	1-11 1/2 NPSF	3.70	2.25	1.75	2.35
1	NS-1001-16FB	G 1 BSPP	3.81	2.25	1.75	2.36
1	NS-1001-16FO	1 5/16-12UN	3.81	2.25	1.75	2.36

NS Series Nipples



Body Size	Part Number Steel	Thread Size	Overall Length	Exposed* Length	Largest Diameter	Wrench Flats	Weight (lbs.)
3/8	NS-372-6FP	3/8-18 NPSF	1.70	1.17	1.08	0.94	0.16
3/8	NS-372-6FB	G3/8 BSPP	1.78	1.25	1.08	0.94	0.16
3/8	NS-372-8FO	3/4-16UNF	1.91	1.38	1.23	1.06	0.20
1/2	NS-502-8FP	1/2-14 NPSF	1.81	0.69	1.23	1.06	0.20
1/2	NS-502-8FB	G1/2 BSPP	1.95	0.83	1.23	1.06	0.22
1/2	NS-502-10FO	7/8-14UNF	2.14	1.02	1.23	1.06	0.23
3/4	NS-752-12FP	3/4-14 NPSF	2.25	1.12	1.59	1.37	0.48
3/4	NS-752-12FB	G3/4 BSPP	2.47	1.34	1.59	1.37	0.54
3/4	NS-752-12FO	1 1/16-12UN	2.62	1.49	1.59	1.37	0.65
1	NS-1002-16FP	1-11 1/2 NSPF	2.64	1.54	1.88	1.62	0.72
1	NS-1002-16FB	G 1 BSPP	2.78	1.68	1.88	1.62	0.74
1	NS-1002-16FO	1 5/16-12UN	2.78	1.68	1.88	1.62	0.80

* This dimension represents the portion that is exposed when the nipple is inserted into the mating Parker Coupler.

Standard Port Configurations

- FP** - Female Pipe Thread
- FO** - Female Straight Thread
- FB** - Female British Standard Parallel Pipe

Optional Seal Materials (add code to part number):

Code	Description	Part Number Example
suffix -E5	Ethylene Propylene seal material (EPR)	NS-502-8FP-E5
suffix -E4	Fluorocarbon seal material	NS-502-8FP-E4

Contact QCD for availability and additional options.
To select proper seal materials, see Fluid Compatibility Chart or contact QCD.



WARNING: Products listed in these pages can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

