

Spectrum Series

Thermoplastic Quick Couplings



Chemical Resistance in a Compact Size:

Parker's Spectrum™ Series are the most advanced engineered, thermoplastic couplings available. Combining compact size with high flow capability and light weight design, Spectrum Series can be used in a broad range of coupling applications. An excellent alternative to stainless steel couplings, they can be used in markets as diverse as chemical processing, automation equipment, semi-conductor and food processing.



Product Features:

- Excellent Chemical Compatibility
- High Flow Capacity
- Easy Push-To-Connect Operation
- Available Valved and Unvalved
- Flexible Modular Design
- Four Point 360° Locking Mechanism
- Temperatures Up To 250° F
- Panel Mounting Option



ENGINEERING YOUR SUCCESS.

Spectrum Series Nipples - Unvalved

Female Pipe



Part Number	Body Size	Port NPT	Overall Length	Hex Size	Largest Diameter
S2-ANS-04-FP	1/8	1/4-18	1.18	.67	.76
S6-ANS-06-FP	3/8	3/8-18	1.52	.83	.91

Male Pipe



Part Number	Body Size	Port NPT	Overall Length	Hex Size	Largest Diameter
S2-ANS-04-MP	1/8	1/4-18	1.24	.67	.76
S6-ANS-06-MP	3/8	3/8-18	1.64	.83	.91

Hose Barb



Part Number	Body Size	Hose I. D.	Overall Length	Largest Diameter
S2-ANS-03-HB	1/8	3/16	1.26	.34
S2-ANS-04-HB	1/8	1/4	1.26	.34
S6-ANS-04-HB	3/8	1/4	1.86	.71
S6-ANS-06-HB	3/8	3/8	1.87	.71

Bulkhead Hose Barb



Part Number	Body Size	Hose I.D.	Overall Length	Hex Size	Largest Diameter	Bulkhead Hex	Bulkhead Hole Diameter
S2-ANS-03-BHB	1/8	3/16	1.97	.55	.64	.55	.44
S2-ANS-04-BHB	1/8	1/4	1.97	.55	.77	.67	.44

Female Pipe

Nipples - Valved



Part Number	Body Size	Thread Size	Overall Length	Hex Size	Largest Diameter
S2-ANV-04-FP	1/8	1/4-18NPT	1.80	.67	.76
S6-ANV-04-FP	3/8	1/4-18NPT	2.02	.83	.91
S6-ANV-06-FP	3/8	3/8-18NPT	2.02	.83	.91

Male Pipe



Part Number	Body Size	Port NPT	Overall Length	Hex Size	Largest Diameter
S2-ANV-04-MP	1/8	1/4-18	1.80	.67	.76
S6-ANV-04-MP	3/8	1/4-18	2.24	.83	.91
S6-ANV-06-MP	3/8	3/8-18	2.16	.83	.91

Hose Barb



Part Number	Body Size	Hose I.D.	Overall Length	Hex Size	Largest Diameter
S2-ANV-03-HB	1/8	3/16	1.80	.67	.76
S2-ANV-04-HB	1/8	1/4	1.80	.67	.76
S6-ANV-04-HB	3/8	1/4	2.59	.82	.91
S6-ANV-06-HB	3/8	3/8	2.59	.82	.91

Bulkhead Hose Barb



Part Number	Body Size	Hose I.D.	Overall Length	Hex Size	Largest Diameter	Bulkhead Hex	Bulkhead Hole Diameter
S2-ANV-03-BHB	1/8	3/16	2.35	.67	.76	.55	.44

Spectrum Series Couplers - Valved

Female Pipe



Part Number	Body Size	Thread Size	Overall Length	Hex Size	Largest Diameter
S2-ACV-04-FP	1/8	1/4-18NPT	2.34	.67	.82
S6-ACV-04-FP	3/8	1/4-18NPT	2.63	.82	1.02
S6-ACV-06-FP	3/8	3/8-18NPT	2.63	.82	1.02

Male Pipe



Part Number	Body Size	Thread Size	Overall Length	Hex Size	Largest Diameter
S2-ACV-04-MP	1/8	1/4-18NPT	2.15	.67	.82
S6-ACV-04-MP	3/8	1/4-18NPT	2.90	.82	1.02
S6-ACV-06-MP	3/8	3/8-18NPT	2.77	.82	1.02

Hose Barb



Part Number	Body Size	Hose I.D.	Overall Length	Largest Diameter
S2-ACV-03-HB	1/8	3/16	2.34	.82
S2-ACV-04-HB	1/8	1/4	2.90	.82
S6-ACV-04-HB	3/8	1/4	3.19	1.02
S6-ACV-06-HB	3/8	3/8	3.19	1.02

Bulkhead Couplers

Bulkhead Hose Barb



Part Number	Body Size	Hose I.D.	Overall Length	Hex Size	Largest Diameter	Bulkhead Hex	Bulkhead Hole Diameter
S2-ACV-03-BHB	1/8	3/16	2.89	.67	.82	.67	.50

Bulkhead Female Pipe



Part Number	Body Size	Thread Size	Overall Length	Hex Size	Largest Diameter	Bulkhead Hex	Bulkhead Hole Diameter
S2-APV-04-FP	1/8	1/4-18NPT	2.16	.67	1.10	1.06	1.00

Bulkhead Hose Barb



Part Number	Body Size	Thread Size	Overall Length	Hex Size	Largest Diameter	Bulkhead Hex	Bulkhead Hole Diameter
S2-APV-04-HB	1/8	1/4	2.34	.67	1.10	1.06	1.00

Specifications

Standard Material

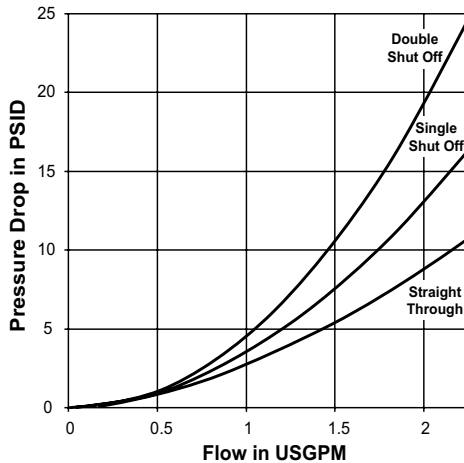
Material Options

Body Size	Acetal/SS (Black with black sleeve)		PVDF/SS* (Translucent with white sleeve)		PVDF/PEEK* (Translucent)
	1/8	3/8	1/8	3/8	3/8
Pressure Range	0 -145 psi (0 -10 bar)	0 - 145 psi (0 -10 bar)	0 - 115 psi (0 -8 bar)	0 - 115 psi (0 -8 bar)	15 -115 psi (1 -8 bar)
Temperature Range	0 ° F to 180 ° F (-20 ° C to +80 ° C)	0 ° F to 180 ° F (-20 ° C to +80 ° C)	0 ° F to 250 ° F (-20 ° C to +120 ° C)	0 ° F to 250 ° F (-20 ° C to +120 ° C)	0 ° F to 250 ° F (-20 ° C to +120 ° C)
Rated Flow	1.5 gpm (5.6 lpm)	4.5 gpm (17 lpm)	1.5 gpm (5.6 lpm)	4.5 gpm (17 lpm)	4.5 gpm (17 lpm)
Body Material	Acetal	Acetal	PVDF	PVDF	PVDF
Spring Material	316 SS	316 SS	316 SS	316 SS	PEEK
Seal Material	Nitrile	Nitrile	Fluorocarbon	Fluorocarbon	Fluorocarbon

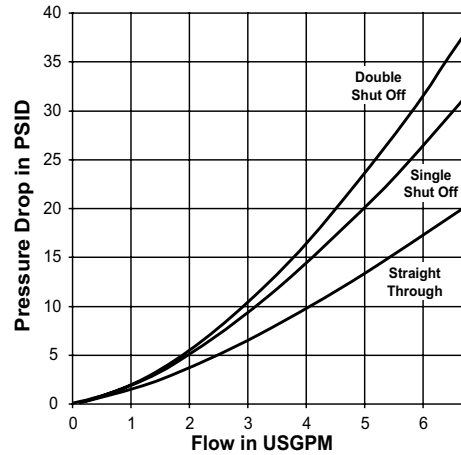
*PVDF material option is subject to quote from the division

Performance

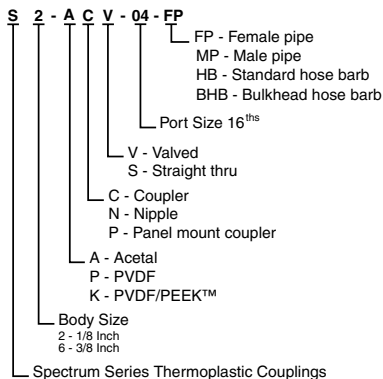
Spectrum Series (1/8")
Test Fluid: Water



Spectrum Series (3/8")
Test Fluid: Water



How To Order**



**Not all combinations are standard. Please contact QCD for availability, price and delivery.

Applications

- Lab Equipment
- Waste Management
- Chemical Dispensing
- Food and Beverage Service
- Photographic Equipment
- Agricultural Chemicals
- Medical Devices

