



Parker's Spectrum™ Series couplers are the most advanced engineered thermoplastic couplings available. Spectrum Series couplings combine compact size, high flow capability, and light weight design to meet a broad range of coupling applications. Spectrum Series can be used in many applications previously reserved for stainless steel couplings.

Features

- Excellent Chemical Compatibility
- Standard Acetal/SS Material with PVDF/SS and PVDF/PEEK™ options subject to quote
- High Flow Capacity
- Easy Push-To-Connect Operation
- Available Valved and Unvalved
- Flexible Modular Design
- Four Point 360° Locking Mechanism
- Panel Mounting Option

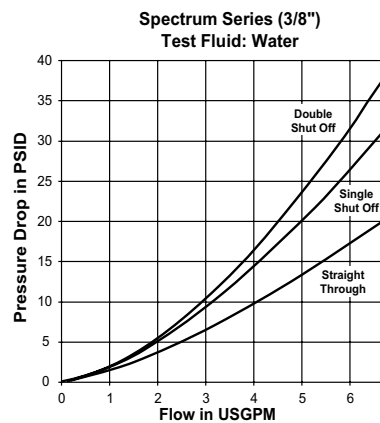
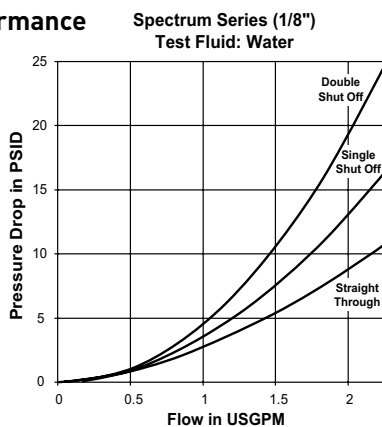
Applications:

- Chemical processing
- Automation equipment
- Semi-conductor industry
- Food processing

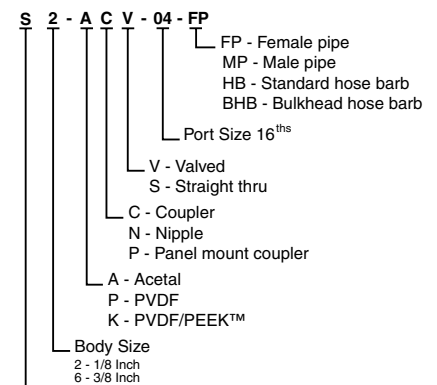
Spectrum™ Series Specifications					
	Acetal/SS (standard material) (black with black sleeve)		*PVDF/SS (translucent with white sleeve)		*PVDF/PEEK™ (translucent)
Body Size	1/8	3/8	1/8	3/8	3/8
Pressure Range	0-145 psi (0-10 bar)	0-145 psi (0-10 bar)	0-115 psi (0-8 bar)	0-115 psi (0-8 bar)	15-115 psi (0-8 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 options are subject to quote from the division

Performance



How To Order



Spectrum Series Thermoplastic Couplings
Note: Not all combinations are standard. Please contact QCD for availability, price and delivery.

Couplers- Female Pipe



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

Couplers- Male Pipe



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

Couplers- Hose Barb



Body Size	Acetal Part Number	Hose I.D.	Overall Length	Largest Diameter	Wrench Flats
1/8	S2-ACV-03-HB	3/16 (4 mm)	2.34	.82	.67
1/8	S2-ACV-04-HB	1/4 (6 mm)	2.34	.82	.67
3/8	S6-ACV-04-HB	1/4 (6 mm)	3.19	1.02	.82
3/8	S6-ACV-06-HB	3/8 (9 mm)	3.19	1.02	.82

Couplers- Bulkhead Hose Barb



Body Size	Acetal Part Number	Hose I.D.	Overall Length	Largest Diameter	Wrench Flats	Bulkhead Wrench Flats	Bulkhead Hole Diameter
1/8	S2-ACV-03-BHB	3/16 (4 mm)	2.89	.82	.67	.67	.50

Panel Mount Couplers- Female Pipe



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

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Panel Mount Couplers- Hose Barb



Body Size	Acetal Part Number	Hose I.D.	Overall Length	Largest Diameter	Wrench Flats	Bulkhead Wrench Flats	Bulkhead Hole Diameter
1/8	S2-APV-04-HB	1/4 (6 mm)	2.34	1.10	.67	1.06	1.00

Nipples- Unvalved Female Pipe



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

Nipples- Unvalved Male Pipe



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

Nipples- Unvalved Hose Barb



Body Size	Acetal Part Number	Hose I.D.	Overall Length	Largest Diameter
1/8	S2-ANS-03-HB	3/16 (4 mm)	1.26	.34
1/8	S2-ANS-04-HB	1/4 (6 mm)	1.26	.34
3/8	S6-ANS-04-HB	1/4 (6 mm)	1.86	.71
3/8	S6-ANS-06-HB	3/8 (9 mm)	1.87	.71

Nipples- Unvalved Bulkhead Hose Barb



Body Size	Acetal Part Number	Hose I.D.	Overall Length	Wrench Flats	Largest Diameter	Bulkhead Wrench Flats	Bulkhead Hole Diameter
1/8	S2-ANS-03-BHB	3/16 (4 mm)	1.97	.55	.64	.55	.44
1/8	S2-ANS-04-BHB	1/4 (6 mm)	1.97	.55	.77	.67	.44

Nipples- Valved Female Pipe



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

Nipples- Valved Male Pipe



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

Nipples- Valved Hose Barb



Body Size	Acetal Part Number	Hose I.D.	Overall Length	Largest Diameter	Wrench Flats
1/8	S2-ANV-03-HB	3/16 (4 mm)	1.80	.76	.67
1/8	S2-ANV-04-HB	1/4 (6 mm)	1.80	.76	.67
3/8	S6-ANV-04-HB	1/4 (6 mm)	2.59	.91	.82
3/8	S6-ANV-06-HB	3/8 (9 mm)	2.59	.91	.82

Nipples- Valved Bulkhead Hose Barb



Body Size	Acetal Part Number	Hose I.D.	Overall Length	Largest Diameter	Wrench Flats	Bulkhead Wrench Flats	Bulkhead Hole Diameter
1/8	S2-ANV-03-BHB	3/16 (4 mm)	2.35	.76	.67	.55	.44

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