



Transition Fittings Product
Special Reinforced (SR) & Metal Threaded Transition Fittings & Adapters

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PRODUCT

Contact Spears® for any Information not found.

Transition Fittings Product
Special Reinforced (SR) & Metal Threaded Transition Fittings & Adapters



TRANSITION FITTINGS OVERVIEW

Spears® Transition fittings are designed primarily for adapting plastic-to-metal systems. These fittings, especially the Special Reinforced (SR) Female Plastic Thread style, can also be used for superior strength in make-up of plastic threaded joints. Spears® offers a variety of transition adapter fittings specified below. All have standard ASTM socket sizes for IPS pipe and NPT threads, except for the Gasket Sealed style that uses a straight thread with elastomer seal. All other threads should be assembled with a quality grade thread sealant that is compatible with plastics.

Warning: Some pipe joint compounds or PTFE pastes may contain substances that could cause stress cracking in thermoplastic materials. Spears® recommends the use of Spears® BLUE 75™ thread sealant that has been tested for compatibility with Spears® products. Choice of any other appropriate thread sealant is at the discretion of the installer.

Special Reinforced (SR) Thread Fittings: This patented fitting features all-plastic female thread construction that reduces problems associated with over-tightening of female plastic pipe threads. The external reinforcing collar is not just an added reinforcement ring, this unique precompression design compensates for expansion forces generated from tapered pipe thread joint make-up. Radial stress is reduced in normal installations and contained in severe over-tightening situations. The all-plastic internal construction provides for the maximum in chemical and corrosion benefits. Its solid construction and reliability make the SR our best transition design for all applications.

Brass Thread Fitting: This patented fitting features a molded-in-place brass thread with external reinforcing collar as an integral part of each fitting for superior strength. An internal form-compressed O-ring seal compensates for expansion and contraction variations between materials. Excellent as a metal-to-plastic transition adapter fitting.

Male Brass Thread Fitting: Developed for Copper Tube Size (CTS) hot-and-cold water distribution systems, this male brass thread alternative is the only metal thread design of its type that has the metal component lined with plastic for improved fitting construction and minimal exposure. Excellent for transition to female metal threads in a CTS system.

Gasket Sealed Thread Fittings: Also developed for Copper Tube Size (CTS) hot-and-cold water distribution systems, this female threaded fitting features all plastic internal construction for maximum corrosion resistance. The fitting incorporates straight-threads for mechanical connection, while sealing is accomplished through an internal elastomer gasket or O-ring against the pipe face. No sealants are used.

APPROVALS

Except where otherwise specified, Spears® Transition Fittings/Materials are approved for use in potable water systems by NSF® International under ANSI/NSF® Standard 61, Drinking Water System Components - Health Effects.

CPVC Orange Fittings in this SPS-1 (4200 series part numbers) are approved by Underwriters Laboratories, FM Global, or LPCB for use in CPVC Fire Sprinkler Systems. When installed in these systems, installation must be made in accordance with Spears® publication FG-3, *FlameGuard® CPVC Fire Sprinkler Products Installation Manual*, and local codes. However, these fittings can also be used in many other types of installations. CPVC fittings may also be used on PVC pipe when installed using a quality CPVC solvent cement meeting the requirements of ASTM F 493, Standard Specification for Solvent Cements for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe and Fittings.

TECHNICAL INFORMATION

See Engineering Sourcebook SES-1 for specific product (i.e., Schedule 80 PVC Technical Information, Copper Tube Size (CTS) Technical Information, FlameGuard® CPVC Fire Sprinkler Products Technical Information, etc.).



Transition Fittings Product
PVC White Special Reinforced (SR) Fittings

PVC White Special Reinforced (SR) Fittings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Female Adapter - Special Reinforced

Socket x SR Fipt - Stainless Steel Collar



435-002SR	1/4	25	450	046	6.19
435-003SR	3/8	25	300	046	6.19
435-005SR	1/2	25	150	046	3.44
435-007SR	3/4	25	300	046	5.01
435-010SR	1	25	200	046	7.44
435-012SR	1-1/4	10	60	046	12.03
435-015SR	1-1/2	10	80	046	14.81
435-020SR	2	10	0	046	25.84
435-025SR	2-1/2	5	0	046	40.77
435-030SR	3	15	0	046	45.93
435-040SR	4	5	0	046	78.94

Tee - Special Reinforced

Socket x SR Fipt - Stainless Steel Collar



402-005SR	1/2	25	200	046	8.93
402-012SR	1-1/4	25	0	046	17.56

Tee - Special Reinforced Reducing

Socket x SR Fipt - Stainless Steel Collar



402-072SR	1/2X1/4	25	150	046	8.93
402-098SR	3/4X1/4	25	100	046	11.60
402-101SR	3/4X1/2	50	0	046	11.60
402-166SR	1-1/4X1/2	15	0	046	19.41
402-168SR	1-1/4X1	10	0	046	19.80
402-212SR	1-1/2X1-1/4	10	0	046	21.44
402-287SR	2-1/2X1/2	10	0	046	26.09
402-288SR	2-1/2X3/4	10	0	046	27.57
402-289SR	2-1/2X1	10	0	046	27.84
402-290SR	2-1/2X1-1/4	10	0	046	27.41
402-291SR	2-1/2X1-1/2	10	0	046	28.49
402-292SR	2-1/2X2	10	0	046	28.73
402-333SR	3X1/2	10	0	046	34.79
402-334SR	3X3/4	10	0	046	34.79
402-335SR	3X1	10	0	046	35.49
402-336SR	3X1-1/4	10	0	046	36.33
402-337SR	3X1-1/2	10	0	046	36.00
402-338SR	3X2	6	0	046	38.14
402-417SR	4X1	6	0	046	46.08
402-419SR	4X1-1/2	10	0	046	50.61
402-420SR	4X2	10	0	046	52.26
402-422SR	4X3	6	0	046	82.12

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Tee - Special Reinforced Reducing

Socket x SR Fipt-Stainless Steel Collar x Socket



403-095SR	3/4X1/2X3/4	50	0	046	3.02
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90° Ell - Special Reinforced & Reducing 90° Ell

Socket x SR Fipt - Stainless Steel Collar



407-005SR	1/2	50	400	046	7.93
407-007SR	3/4	75	0	046	10.17
407-010SR	1	50	0	046	10.28
407-012SR	1-1/4	25	0	046	12.43
407-131SR	1X3/4	50	0	046	9.83
407-168SR ¹	1-1/4X1	25	0	046	17.23
407-249SR	2X1	10	0	046	19.59
407-251SR	2X1-1/2	10	0	046	20.66

¹ Sized with SR Adapter

Coupling - Special Reinforced

SR Fipt x SR Fipt - Stainless Steel Collar



430-005SR	1/2	25	300	046	4.08
430-007SR	3/4	25	150	046	5.82
430-010SR	1	25	200	046	6.22
430-012SR	1-1/4	10	120	046	7.75
430-015SR	1-1/2	10	60	046	17.14
430-020SR	2	10	0	046	17.97

Coupling - Special Reinforced Reducer

SR Fipt x SR Fipt - Stainless Steel Collar



430-101SR	3/4X1/2	50	200	046	8.82
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Female Spigot Adapter - Special Reinforced

Spigot x SR Fipt - Stainless Steel Collar



478-005SR	1/2	50	600	046	4.52
478-007SR	3/4	25	300	046	5.33
478-010SR	1	50	0	046	8.21
478-012SR	1-1/4	25	0	046	13.07
478-015SR	1-1/2	25	0	046	15.67
478-020SR	2	15	0	046	26.09
478-030SR	3	5	0	046	47.96
478-040SR	4	5	0	046	74.07

Transition Fittings Product

PVC White Special Reinforced (SR) Fittings & PVC White Brass Thread Fittings



PVC White Special Reinforced (SR) Fittings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Female Spigot Adapter - Special Reinforced Reducing

Spigot x SR Fipt - Stainless Steel Collar

478-072SR	1/2X1/4	25	450	046	12.58
478-098SR	3/4X1/4	50	300	046	18.32
478-128SR	1X1/4	50	400	046	18.88

Spears® SR Series reinforced spigot adapters can be user-installed in a variety of socket type tees, elbows and reducer bushings for superior thread reinforcement demanding applications.



Female Adapter - Special Reinforced Reducing

Socket x SR Fipt - Stainless Steel Collar

435-072SR	1/2X1/4	50	600	046	4.49
435-074SR	1/2X3/4	50	400	046	5.01
435-101SR	3/4X1/2	50	400	046	5.01
435-102SR	3/4X1	50	0	046	7.44
435-130SR	1X1/2	50	0	046	7.44
435-131SR	1X3/4	25	200	046	7.44



Reducer Bushing - Special Reinforced Flush Style

Spigot x SR Fipt - Stainless Steel Collar

438-128SR	1X1/4	25	150	046	3.66
438-166SR	1-1/4X1/2	25	100	046	6.69
438-207SR	1-1/2X1/4	25	100	046	9.34
438-209SR	1-1/2X1/2	25	100	046	9.34
438-210SR	1-1/2X3/4	25	100	046	9.34
438-247SR	2X1/2	10	80	046	11.43
438-248SR	2X3/4	10	80	046	11.43
438-249SR	2X1	10	120	046	11.43
438-334SR	3X3/4	10	0	046	44.75
438-335SR	3X1	10	0	046	44.75
438-336SR	3X1-1/4	10	0	046	44.75
438-337SR	3X1-1/2	10	0	046	44.75
438-420SR	4X2	6	0	046	68.78
438-421SR	4X2-1/2	6	0	046	77.41
438-528SR	6X2	5	0	046	79.20
438-530SR	6X3	5	0	046	71.31
438-532SR	6X4	5	0	046	79.20



Reducer Bushing - Special Reinforced Flush Style

Mipt X SR Fipt - Stainless Steel Collar

439-209SR	1-1/2X1/2	25	300	046	9.68
439-248SR	2X3/4	10	60	046	8.77
439-249SR	2X1	10	120	046	14.22



Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Cap - Special Reinforced

SR Fipt - Stainless Steel Collar

448-012SR	1-1/4	25	100	046	7.46
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Union - Special Reinforced Fipt/Buna

Socket x SR Fipt with Buna O-ring Seal - Stainless Steel Collar

235 psi @ 73°F (23°C)

459-002SR	1/4	25	150	046	16.98
459-003SR	3/8	25	100	046	16.98
459-005SR	1/2	10	60	046	9.22
459-007SR	3/4	10	60	046	12.68
459-010SR	1	10	40	046	16.88
459-012SR	1-1/4	5	20	046	32.23
459-015SR	1-1/2	5	0	046	39.91
459-020SR	2	5	0	046	61.45
459-030SR	3	5	0	046	145.09
459-040SR	4	4	0	046	166.59
459-060SR	6	1	0	046	370.20



Union - Special Reinforced Fipt/EPDM

Socket x SR Fipt with EPDM O-ring Seal - Stainless Steel Collar

235 psi @ 73°F (23°C)

499-002SR	1/4	25	150	046	18.64
499-003SR	3/8	25	100	046	18.64
499-005SR	1/2	10	60	046	10.13
499-007SR	3/4	10	40	046	13.95
499-010SR	1	10	40	046	18.54
499-012SR	1-1/4	5	20	046	35.42
499-015SR	1-1/2	5	0	046	43.85
499-020SR	2	5	0	046	67.54
499-030SR	3	5	0	046	159.45
499-040SR	4	4	0	046	183.06
499-060SR	6	1	0	046	406.82



PVC White Brass Thread Fittings

Union - Brass Fipt/Buna

Socket x Fipt with Brass Thread Insert & Buna-N O-ring Seal

235 psi @ 73°F (23°C)

459-010BR	1	10	0	046	71.74
459-012BR	1-1/4	5	20	046	120.51
459-015BR	1-1/2	5	0	046	159.43
459-020BR	2	5	0	046	212.67



Not intended to convey or dispense water for human consumption through drinking or cooking



Transition Fittings Product
PVC White Brass Thread Fittings & PVC Gray Special Reinforced (SR) Fittings

PVC White Brass Thread Fittings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Union - Brass Fipt/EPDM

Socket x Fipt with Brass Thread Insert & EPDM O-ring Seal



235 psi @ 73°F (23°C)

499-010BR	1	10	0	046	71.74
499-012BR	1-1/4	5	20	046	120.51
499-015BR	1-1/2	5	0	046	159.43
499-020BR	2	5	0	046	212.67

Not intended to convey or dispense water for human consumption through drinking or cooking

PVC Gray Special Reinforced (SR) Fittings

Tee - Special Reinforced

Socket x Socket x SR Fipt - Stainless Steel Collar



802-005SR	1/2	25	200	086	8.93
802-007SR	3/4	15	120	086	12.63
802-010SR	1	15	0	086	14.83
802-012SR	1-1/4	25	0	086	17.65
802-015SR	1-1/2	10	0	086	18.65
802-020SR	2	10	0	086	36.48
802-030SR	3	5	0	086	78.85
802-040SR	4	5	0	086	147.86

Tee - Special Reinforced

SR Fipt x SR Fipt x SR Fipt - Stainless Steel Collar



805-002SR	1/4	25	150	086	10.39
805-003SR	3/8	25	150	086	10.39
805-005SR	1/2	25	150	086	10.73
805-007SR	3/4	25	100	086	11.79
805-010SR	1	15	0	086	28.02
805-015SR	1-1/2	10	0	086	32.80
805-020SR	2	10	0	086	34.48

Tee - Special Reinforced Reducing

Socket x Socket x SR Fipt - Stainless Steel Collar



802-072SR	1/2X1/4	25	150	086	8.93
802-098SR	3/4X1/4	25	100	086	11.60
802-101SR	3/4X1/2	50	0	086	11.60
802-128SR ¹	1X1/4	10	80	086	27.46
802-130SR	1X1/2	50	0	086	14.32
802-131SR	1X3/4	15	0	086	27.46
802-164SR ¹	1-1/4X1/4	5	40	086	29.28
802-166SR	1-1/4X1/2	25	0	086	19.41
802-168SR	1-1/4X1	10	0	086	19.80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Tee - Special Reinforced Reducing (continued)

Socket x Socket x SR Fipt - Stainless Steel Collar

802-207SR ¹	1-1/2X1/4	10	0	086	34.17
802-211SR	1-1/2X1	10	0	086	21.44
802-212SR	1-1/2X1-1/4	10	0	086	21.44
802-245SR ¹	2X1/4	10	0	086	39.46
802-247SR	2X1/2	10	0	086	39.46
802-248SR	2X3/4	10	0	086	39.46
802-287SR	2-1/2X1/2	10	0	086	29.08
802-331SR ¹	3X1/4	5	0	086	75.35
802-333SR ¹	3X1/2	5	0	086	77.53
802-413SR ¹	4X1/4	5	0	086	103.76
802-415SR ¹	4X1/2	5	0	086	112.77

¹ Sized with Bushing

Tee - Special Reinforced Reducing

Socket x SR Fipt - Stainless Steel Collar x Socket



(See also Gauge & Instrument Fittings for additional configurations)

803-095SR	3/4X1/2X3/4	15	0	086	14.61
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90° Ell - Special Reinforced

Socket x SR Fipt - Stainless Steel Collar



807-005SR	1/2	20	240	086	8.56
807-007SR	3/4	75	0	086	10.17
807-010SR	1	50	0	086	10.28
807-012SR	1-1/4	25	0	086	13.82
807-015SR	1-1/2	10	0	086	17.07
807-020SR	2	10	0	086	19.59
807-030SR	3	5	0	086	49.74
807-040SR	4	5	0	086	87.88

90° Ell - Special Reinforced

SR Fipt x SR Fipt - Stainless Steel Collar



808-003SR	3/8	25	150	086	5.00
808-005SR	1/2	20	120	086	5.00
808-007SR	3/4	20	120	086	6.28
808-010SR	1	50	0	086	7.32
808-012SR	1-1/4	25	0	086	7.81
808-015SR	1-1/2	10	0	086	12.19
808-020SR	2	10	0	086	13.73

90° Ell - Special Reinforced Reducing

Socket x SR Fipt - Stainless Steel Collar



807-101SR	3/4X1/2	50	0	086	10.15
807-130SR	1X1/2	50	0	086	11.39

Transition Fittings Product
PVC Gray Special Reinforced (SR) Fittings



PVC Gray Special Reinforced (SR) Fittings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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45° Ell - Special Reinforced

SR Fipt x SR Fipt - Stainless Steel Collar



819-007SR	3/4	10	120	086	8.60
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Coupling - Special Reinforced

SR Fipt x SR Fipt - Stainless Steel Collar



830-005SR	1/2	25	150	086	4.08
830-007SR	3/4	25	150	086	5.82
830-010SR	1	25	200	086	6.22
830-012SR	1-1/4	10	120	086	7.75
830-015SR	1-1/2	10	80	086	17.14
830-020SR	2	10	0	086	17.97

Coupling - Special Reinforced Reducer

SR Fipt x SR Fipt - Stainless Steel Collar



830-101SR	3/4X1/2	50	200	086	5.29
830-130SR	1X1/2	50	0	086	7.85
830-131SR	1X3/4	25	200	086	7.85
830-168SR	1-1/4X1	25	0	086	16.86
830-210SR	1-1/2X3/4	25	0	086	25.03
830-211SR	1-1/2X1	10	80	086	25.03
830-212SR	1-1/2X1-1/4	10	80	086	25.03
830-249SR	2X1	25	0	086	33.18
830-251SR	2X1-1/2	10	0	086	33.18

Female Adapter - Special Reinforced

Socket x SR Fipt - Stainless Steel Collar



835-002SR	1/4	25	450	086	6.19
835-003SR	3/8	25	300	086	6.19
835-005SR	1/2	25	150	086	3.44
835-007SR	3/4	25	300	086	5.01
835-010SR	1	25	200	086	7.44
835-012SR	1-1/4	10	60	086	12.03
835-015SR	1-1/2	10	80	086	14.81
835-020SR	2	10	0	086	25.84
835-025SR	2-1/2	5	0	086	40.77
835-030SR	3	15	0	086	45.93
835-040SR	4	5	0	086	78.94
835-060SR	6	6	0	086	102.56

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Female Adapter - Encapsulated Special Reinforced

Socket x ESR Fipt



835-002ESR	1/4	25	450	086	8.97
835-003ESR	3/8	25	300	086	8.97
835-005ESR	1/2	25	300	086	5.56
835-007ESR	3/4	25	300	086	8.21
835-010ESR	1	25	200	086	10.87
835-012ESR	1-1/4	10	80	086	17.54
835-015ESR	1-1/2	10	80	086	25.34
835-020ESR	2	10	0	086	37.67

Female Spigot Adapter - Special Reinforced

Spigot x SR Fipt - Stainless Steel Collar



878-005SR	1/2	50	600	086	4.52
878-007SR	3/4	25	300	086	5.33
878-010SR	1	50	0	086	8.21
878-012SR	1-1/4	25	0	086	13.07
878-015SR	1-1/2	25	0	086	15.67
878-020SR	2	15	0	086	26.09
878-030SR	3	5	0	086	47.96
878-040SR	4	5	0	086	81.42

Female Spigot Adapter - Encapsulated Special Reinforced, Spigot

Spigot x ESR Fipt



878-005ESR	1/2	50	600	086	6.17
878-007ESR	3/4	25	300	086	8.49
878-010ESR	1	50	0	086	11.66
878-012ESR	1-1/4	25	0	086	17.95
878-015ESR	1-1/2	25	0	086	25.48
878-020ESR	2	15	0	086	38.40

Female Adapter - Special Reinforced Reducing

Socket x SR Fipt - Stainless Steel Collar



835-074SR	1/2X3/4	50	400	086	5.01
835-101SR	3/4X1/2	50	400	086	5.01
835-102SR	3/4X1	50	0	086	7.44
835-130SR	1X1/2	50	0	086	7.44
835-131SR	1X3/4	25	200	086	7.44

Female Spigot Adapter - Special Reinforced Reducing

Spigot x SR Fipt - Stainless Steel Collar



878-072SR	1/2X1/4	25	450	086	12.58
878-098SR	3/4X1/4	50	400	086	17.33
878-128SR	1X1/4	50	400	086	17.87



Transition Fittings Product
PVC Gray Special Reinforced (SR) Fittings

PVC Gray Special Reinforced (SR) Fittings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Male Adapter - Internal Reinforced

R Mipt x Socket - Stainless Steel Sleeve

NSF® Certified Lead Free

836-005R	1/2	25	150	086	4.25
836-007R	3/4	25	300	086	4.66
836-010R	1	10	60	086	8.18



Reducer Bushing - Special Reinforced

Mipt x SR Fipt - Stainless Steel Collar

839-128SR	1X1/4	25	150	086	6.62
839-209SR	1-1/2X1/2	25	300	086	9.68
839-210SR	1-1/2X3/4	25	300	086	9.68
839-247SR	2X1/2	10	60	086	14.22
839-248SR	2X3/4	10	60	086	14.22
839-249SR	2X1	10	120	086	14.22
839-420SR	4X2	6	0	086	53.84



Special Reinforced Reducer Bushing Flush Style

Spigot x SR Fipt - Stainless Steel Collar

838-128SR	1X1/4	25	150	086	3.66
838-166SR	1-1/4X1/2	25	100	086	6.69
838-207SR	1-1/2X1/4	25	200	086	9.34
838-209SR	1-1/2X1/2	10	60	086	9.34
838-210SR	1-1/2X3/4	25	200	086	9.34
838-247SR	2X1/2	10	80	086	11.43
838-248SR	2X3/4	10	80	086	11.43
838-249SR	2X1	10	120	086	11.43
838-334SR	3X3/4	10	0	086	44.75
838-335SR	3X1	10	0	086	44.75
838-336SR	3X1-1/4	10	0	086	44.75
838-337SR	3X1-1/2	10	0	086	44.75
838-528SR	6X2	5	0	086	79.20
838-530SR	6X3	5	0	086	71.31
838-532SR	6X4	5	0	086	79.20



Cap - Special Reinforced

SR Fipt - Stainless Steel Collar

848-002SR	1/4	25	500	086	4.46
848-003SR	3/8	25	450	086	4.46
848-005SR	1/2	50	300	086	4.88
848-007SR	3/4	25	300	086	6.26
848-030SR	3	5	0	086	38.60



Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Union 2000 - Socket/Special Reinforced Fipt/EPDM

Socket x SR Fipt w/EPDM O-ring Seal - Stainless Steel Collar



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8099-005SR	1/2	20	160	086	8.86
8099-007SR	3/4	20	80	086	12.63
8099-010SR	1	15	90	086	16.29
8099-012SR	1-1/4	10	0	086	28.35
8099-015SR	1-1/2	10	0	086	36.73
8099-020SR	2	5	0	086	59.12
8099-025SR	2-1/2	5	0	086	126.45
8099-030SR	3	5	0	086	140.77
8099-040SR	4	4	0	086	160.65
8099-060SR	6	1	0	086	357.02

Union 2000 - Socket/Special Reinforced Fipt/FKM

Socket x SR Fipt w/FKM O-ring Seal - Stainless Steel Collar



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8059-005SR	1/2	20	120	086	9.22
8059-007SR	3/4	20	80	086	12.68
8059-010SR	1	15	90	086	16.48
8059-012SR	1-1/4	10	0	086	31.52
8059-015SR	1-1/2	10	0	086	38.88
8059-020SR	2	5	0	086	59.38
8059-025SR	2-1/2	5	0	086	127.63
8059-030SR	3	5	0	086	145.09
8059-040SR	4	4	0	086	166.59
8059-060SR	6	1	0	086	370.20

Union 2000 - Special Reinforced Fipt/EPDM

SR Fipt x SR Fipt w/EPDM O-ring Seal - Stainless Steel Collar



235 psi Maximum Internal Pressure rating @ 73°F (23°C)

8098-005SR	1/2	20	120	086	9.34
8098-007SR	3/4	20	80	086	12.72
8098-010SR	1	15	90	086	16.84
8098-012SR	1-1/4	10	0	086	31.32
8098-015SR	1-1/2	10	0	086	39.39
8098-020SR	2	5	0	086	61.89
8098-025SR	2-1/2	5	0	086	124.93
8098-030SR	3	5	0	086	147.34
8098-040SR	4	4	0	086	169.14
8098-060SR	6	1	0	086	375.92

Union 2000 - Special Reinforced Fipt/FKM

SR Fipt x SR Fipt w/FKM O-ring Seal - Stainless Steel Collar



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8058-005SR	1/2	20	120	086	9.48
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Transition Fittings Product
PVC Gray Special Reinforced (SR) Fittings



PVC Gray Special Reinforced (SR) Fittings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Union 2000 - Special Reinforced Fipt/FKM (continued)

SR Fipt x SR Fipt w/FKM O-ring Seal - Stainless Steel Collar

8058-007SR	3/4	20	80	086	12.84
8058-010SR	1	15	90	086	17.19
8058-012SR	1-1/4	10	0	086	32.73
8058-015SR	1-1/2	10	0	086	40.27
8058-020SR	2	5	0	086	62.54
8058-025SR	2-1/2	5	0	086	130.77
8058-030SR	3	5	0	086	148.76
8058-040SR	4	4	0	086	175.12
8058-060SR	6	1	0	086	389.13

Union (Old Style) - Special Reinforced Fipt/EPDM

Socket x SR Fipt w/EPDM O-ring Seal - Stainless Steel Collar



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

899-002SR	1/4	25	150	086	16.75
899-003SR	3/8	25	100	086	16.75
899-005SR	1/2	10	60	086	8.86
899-007SR	3/4	10	40	086	12.63
899-010SR	1	10	40	086	16.29
899-012SR	1-1/4	5	20	086	28.35
899-015SR	1-1/2	5	0	086	36.73
899-020SR	2	5	0	086	59.12
899-030SR	3	5	0	086	140.77
899-040SR	4	4	0	086	160.65

Union (Old Style) - Special Reinforced Fipt/FKM

Socket x SR Fipt w/FKM O-ring Seal - Stainless Steel Collar



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

859-005SR	1/2	10	60	086	9.22
859-007SR	3/4	10	60	086	12.68
859-010SR	1	10	40	086	16.48
859-012SR	1-1/4	5	20	086	31.52
859-015SR	1-1/2	5	0	086	38.88
859-020SR	2	5	0	086	59.38
859-030SR	3	5	0	086	145.09
859-040SR	4	4	0	086	166.59

Flange - Special Reinforced One Piece

SR Fipt - Stainless Steel Collar

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

852-005SR	1/2	25	0	086	13.20
852-007SR	3/4	25	0	086	15.51
852-010SR	1	15	0	086	16.94
852-012SR	1-1/4	15	0	086	23.35
852-015SR	1-1/2	15	0	086	25.55
852-020SR	2	10	0	086	26.17

Made in the U.S.A.

Suitable for Oil-Free air handling to 25 psi, not for distribution of compressed air or gas
 See MSRP-1 Sheet or Check Spears® On-line Catalog @ www.spearsmfg.com for Pricing

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Flange - Special Reinforced One Piece (continued)

SR Fipt - Stainless Steel Collar

852-025SR	2-1/2	10	0	086	59.94
852-030SR	3	10	0	086	61.71
852-040SR	4	5	0	086	116.00

Tank Adapters, PVC New Style Special Reinforced (SR) Threaded with Neoprene Gaskets



Socket x SR Fipt - Stainless Steel Collar

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8171-002SR	1/4	25	150	100	39.42
8171-003SR	3/8	25	200	100	39.42
8171-005SR	1/2	25	0	100	39.42
8171-007SR	3/4	25	0	100	45.67
8171-010SR	1	25	0	100	51.43
8171-012SR	1-1/4	20	0	100	63.22
8171-015SR	1-1/2	20	0	100	72.57
8171-020SR	2	15	0	100	104.00
8171-025SR	2-1/2	4	0	100	167.45
8171-030SR	3	4	0	100	199.33
8171-040SR	4	2	0	100	368.71
8171-060SR	6	1	0	100	690.05

Tank Adapters, PVC New Style Special Reinforced (SR) Threaded with EPDM Gaskets



Socket x SR Fipt - Stainless Steel Collar

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8171E-002SR	1/4	25	150	100	40.81
8171E-003SR	3/8	25	200	100	40.81
8171E-005SR	1/2	25	0	100	40.81
8171E-007SR	3/4	25	0	100	46.54
8171E-010SR	1	25	0	100	56.58
8171E-012SR	1-1/4	20	0	100	68.55
8171E-015SR	1-1/2	20	0	100	77.91
8171E-020SR	2	15	0	100	111.20
8171E-025SR	2-1/2	4	0	100	172.88
8171E-030SR	3	4	0	100	205.83
8171E-040SR	4	2	0	100	377.38
8171E-060SR	6	1	0	100	713.78

Tank Adapters, PVC New Style Special Reinforced (SR) Threaded with FKM Gaskets



Socket x SR Fipt - Stainless Steel Collar

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8171V-002SR	1/4	25	150	100	66.25
8171V-003SR	3/8	25	200	100	66.25
8171V-005SR	1/2	25	0	100	66.25
8171V-007SR	3/4	25	0	100	72.69
8171V-010SR	1	25	0	100	89.61
8171V-012SR	1-1/4	20	0	100	100.35
8171V-015SR	1-1/2	20	0	100	113.11
8171V-020SR	2	15	0	100	173.22



Transition Fittings Product

PVC Gray Special Reinforced (SR) Fittings & PVC Gray Brass Thread Fittings

PVC Gray Special Reinforced (SR) Fittings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Tank Adapters, PVC New Style Special Reinforced (SR)

Threaded with FKM Gaskets (continued)

Socket x SR Fipt - Stainless Steel Collar

8171V-025SR	2-1/2	4	0	100	263.72
8171V-030SR	3	4	0	100	313.93
8171V-040SR	4	2	0	100	754.25
8171V-060SR	6	1	0	100	1336.76

Tank Adapters, PVC New Style Special Reinforced (SR) Threaded with Neoprene Gaskets

Fipt x SR Fipt - Stainless Steel Collar

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172-002SR	1/4	25	150	100	52.71
8172-003SR	3/8	25	200	100	52.71
8172-005SR	1/2	25	0	100	52.71
8172-007SR	3/4	25	0	100	58.35
8172-010SR	1	25	0	100	64.54
8172-012SR	1-1/4	20	0	100	86.91
8172-015SR	1-1/2	20	0	100	97.94
8172-020SR	2	15	0	100	126.91
8172-025SR	2-1/2	4	0	100	193.21
8172-030SR	3	4	0	100	230.02
8172-040SR	4	2	0	100	409.49
8172-060SR	6	1	0	100	792.12

Tank Adapters, PVC New Style Special Reinforced (SR) Threaded with EPDM Gaskets

Fipt x SR Fipt - Stainless Steel Collar

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172E-002SR	1/4	25	150	100	54.23
8172E-003SR	3/8	25	200	100	54.23
8172E-005SR	1/2	25	0	100	54.23
8172E-007SR	3/4	25	0	100	59.44
8172E-010SR	1	25	0	100	71.13
8172E-012SR	1-1/4	20	0	100	94.41
8172E-015SR	1-1/2	20	0	100	105.33
8172E-020SR	2	15	0	100	135.84
8172E-025SR	2-1/2	4	0	100	199.63
8172E-030SR	3	4	0	100	237.63
8172E-040SR	4	2	0	100	419.25
8172E-060SR	6	1	0	100	819.57

Tank Adapters, PVC New Style Special Reinforced (SR) Threaded with FKM Gaskets

Fipt x SR Fipt - Stainless Steel Collar

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172V-002SR	1/4	25	150	100	80.65
8172V-003SR	3/8	25	200	100	80.65
8172V-005SR	1/2	25	0	100	80.65
8172V-007SR	3/4	25	0	100	86.59

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Tank Adapters, PVC New Style Special Reinforced (SR)

Threaded with FKM Gaskets (continued)

Fipt x SR Fipt - Stainless Steel Collar

8172V-010SR	1	25	0	100	99.48
8172V-012SR	1-1/4	20	0	100	114.36
8172V-015SR	1-1/2	20	0	100	133.49
8172V-020SR	2	15	0	100	194.31
8172V-025SR	2-1/2	4	0	100	285.31
8172V-030SR	3	4	0	100	339.75
8172V-040SR	4	2	0	100	792.12
8172V-060SR	6	2	0	100	1495.73

Elastomer Expansion Joint - PVC

PVC with Neoprene Bellows SR Fipt - Stainless Steel Collar

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

EJ01-007SR	3/4	10	0	085	222.29
EJ01-010SR	1	10	0	085	253.15
EJ01-012SR	1-1/4	15	0	085	275.34
EJ01-015SR	1-1/2	10	0	085	351.51
EJ01-020SR	2	8	0	085	422.31
EJ01-025SR	2-1/2	4	0	085	615.41
EJ01-030SR	3	2	0	085	827.63

Elastomer Expansion Joint - PVC

PVC with EPDM Bellows SR Fipt - Stainless Steel Collar

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

EJ21-007SR	3/4	10	0	085	226.80
EJ21-010SR	1	10	0	085	258.33
EJ21-012SR	1-1/4	15	0	085	280.99
EJ21-015SR	1-1/2	10	0	085	358.65
EJ21-020SR	2	8	0	085	430.94
EJ21-025SR	2-1/2	4	0	085	624.47
EJ21-030SR	3	2	0	085	844.52

PVC Gray Brass Thread Fittings

Tee - Brass Transition

Socket x Socket x Fipt With Brass Thread Insert

802-005BR	1/2	20	120	086	36.47
802-007BR	3/4	20	80	086	73.09

Not intended to convey or dispense water for human consumption through drinking or cooking

Transition Fittings Product
PVC Gray Brass Thread Fittings



PVC Gray Brass Thread Fittings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Tee - Brass Transition Reducing

Socket x Socket x Fipt With Brass Thread Insert

802-072BR	1/2X1/4	20	120	086	39.32
802-101BR	3/4X1/2	50	0	086	45.52

Not intended to convey or dispense water for human consumption through drinking or cooking



90° Ell - Brass Transition

Socket x Fipt With Brass Thread Insert

807-005BR	1/2	20	240	086	32.04
807-007BR	3/4	20	160	086	56.72

Not intended to convey or dispense water for human consumption through drinking or cooking



90° Ell - Brass Transition Reducing

Socket x Fipt With Brass Thread Insert

807-101BR	3/4X1/2	20	120	086	39.99
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Not intended to convey or dispense water for human consumption through drinking or cooking



Female Adapter - Brass Transition

Socket x Fipt With Brass Thread Insert

835-005BR	1/2	25	150	086	27.66
835-007BR	3/4	15	90	086	39.74
835-010BR	1	15	90	086	68.47
835-012BR	1-1/4	15	60	086	112.77
835-015BR	1-1/2	10	40	086	148.14
835-020BR	2	8	32	086	183.48

Not intended to convey or dispense water for human consumption through drinking or cooking



Female Spigot Adapter - Brass Transition

Spigot x Fipt With Brass Thread Insert

878-005BR	1/2	25	150	086	23.27
878-010BR	1	15	90	086	74.03

Not intended to convey or dispense water for human consumption through drinking or cooking



Female Adapter - Brass Transition Reducing

Socket x Fipt With Brass Thread Insert

835-101BR	3/4X1/2	50	0	086	41.07
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Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Female Adapter - Brass Transition Reducing (continued)

Socket x Fipt With Brass Thread Insert

Not intended to convey or dispense water for human consumption through drinking or cooking

Female Adapter - Stainless Steel Transition

Socket x Fipt With 316 Stainless Steel Thread Insert



NSF® Certified Lead Free

835-005SS	1/2	25	150	086	54.22
835-007SS	3/4	15	90	086	77.92
835-010SS	1	15	90	086	132.58
835-012SS	1-1/4	25	0	086	221.42
835-015SS	1-1/2	10	40	086	289.24
835-020SS	2	8	32	086	371.04

Male Adapter - PVC Lined Brass Transition

Brass Mipt x Socket



NSF® Certified Lead Free

836-005BR	1/2	40	160	086	30.45
836-007BR	3/4	40	160	086	45.92
836-010BR	1	10	60	086	74.67
836-012BR	1-1/4	10	40	086	125.78
836-015BR	1-1/2	10	40	086	166.91
836-020BR	2	8	32	086	207.35

Union - Socket/Brass Fipt/FKM

Socket x Fipt with Brass Thread Insert & FKM O-ring Seal



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

859-007BR	3/4	10	40	086	58.94
859-010BR	1	10	0	086	72.73
859-012BR	1-1/4	5	20	086	125.53
859-015BR	1-1/2	5	0	086	166.14
859-020BR	2	5	0	086	220.79

Not intended to convey or dispense water for human consumption through drinking or cooking

Union - Socket/Brass Fipt/EPDM

Socket x Fipt with Brass Thread Insert & EPDM O-ring Seal



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

899-007BR	3/4	10	60	086	53.14
899-010BR	1	10	0	086	71.66
899-012BR	1-1/4	5	20	086	120.52
899-015BR	1-1/2	5	0	086	159.52
899-020BR	2	5	0	086	212.62

Not intended to convey or dispense water for human consumption through drinking or cooking



Transition Fittings Product
CPVC Gray Special Reinforced (SR) Fittings

CPVC Gray Special Reinforced (SR) Fittings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Tee - Special Reinforced

Socket x Socket x SR Fipt - Stainless Steel Collar



802-005CSR	1/2	50	0	096	21.80
802-007CSR	3/4	15	120	096	31.85
802-010CSR	1	15	0	096	40.07
802-012CSR	1-1/4	15	0	096	46.49
802-015CSR	1-1/2	10	0	096	46.49
802-020CSR	2	10	0	096	76.00
802-030CSR	3	5	0	096	109.45
802-040CSR	4	5	0	096	206.19

Tee - Special Reinforced

SR Fipt x SR Fipt x SR Fipt - Stainless Steel Collar



805-002CSR	1/4	20	160	096	19.51
805-003CSR	3/8	25	150	096	19.51
805-005CSR	1/2	25	150	096	26.09
805-007CSR	3/4	25	100	096	29.89
805-010CSR	1	15	0	096	44.64
805-015CSR	1-1/2	10	0	096	47.40
805-020CSR	2	10	0	096	56.44

Tee - Special Reinforced Reducing

Socket x Socket x SR Fipt - Stainless Steel Collar



802-072CSR	1/2X1/4	25	200	096	21.80
802-098CSR	3/4X1/4	25	100	096	29.13
802-101CSR	3/4X1/2	50	0	096	29.13
802-128CSR ¹	1X1/4	15	0	096	44.99
802-130CSR	1X1/2	50	0	096	17.80
802-131CSR	1X3/4	15	0	096	44.99
802-164CSR ¹	1-1/4X1/4	5	0	096	59.82
802-166CSR	1-1/4X1/2	15	0	096	47.39
802-168CSR	1-1/4X1	10	0	096	48.36
802-207CSR ¹	1-1/2X1/4	15	0	096	85.66
802-211CSR	1-1/2X1	10	0	096	56.78
802-212CSR	1-1/2X1-1/4	10	0	096	56.78
802-245CSR ¹	2X1/4	10	0	096	98.39
802-247CSR	2X1/2	10	0	096	88.57
802-248CSR	2X3/4	10	0	096	98.39
802-287CSR	2-1/2X1/2	10	0	096	67.66
802-331CSR ¹	3X1/4	5	0	096	187.95
802-413CSR ¹	4X1/4	5	0	096	203.95

¹ Sized with Bushing

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Tee - Special Reinforced Reducing

Socket x SR Fipt - Stainless Steel Collar x Socket



(See also Gauge & Instrument Fittings for additional configurations)

803-095CSR	3/4X1/2X3/4	15	0	096	17.95
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90° Ell - Special Reinforced

Socket x SR Fipt - Stainless Steel Collar



807-005CSR	1/2	20	240	096	10.58
807-007CSR	3/4	75	0	096	12.43
807-010CSR	1	50	0	096	14.97
807-012CSR	1-1/4	25	0	096	30.91
807-015CSR	1-1/2	10	0	096	37.15
807-020CSR	2	10	0	096	46.48

90° Ell - Special Reinforced

SR Fipt x SR Fipt - Stainless Steel Collar



808-003CSR	3/8	25	150	096	6.39
808-005CSR	1/2	20	120	096	6.39
808-007CSR	3/4	20	160	096	9.36
808-010CSR	1	50	0	096	12.00
808-012CSR	1-1/4	25	0	096	23.09
808-015CSR	1-1/2	10	0	096	27.19
808-020CSR	2	10	0	096	36.42

90° Ell - Special Reinforced Reducing

Socket x SR Fipt - Stainless Steel Collar



807-101CSR	3/4X1/2	50	0	096	13.48
807-130CSR	1X1/2	50	0	096	14.54

45° Ell - Special Reinforced

SR Fipt x SR Fipt - Stainless Steel Collar



819-007CSR	3/4	10	120	096	14.61
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Coupling - Special Reinforced

SR Fipt x SR Fipt - Stainless Steel Collar



830-005CSR	1/2	25	150	096	10.32
830-007CSR	3/4	25	150	096	16.66
830-010CSR	1	25	200	096	18.93
830-012CSR	1-1/4	10	120	096	20.12
830-015CSR	1-1/2	10	80	096	21.56
830-020CSR	2	10	0	096	25.48

Transition Fittings Product
CPVC Gray Special Reinforced (SR) Fittings



CPVC Gray Special Reinforced (SR) Fittings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Coupling - Special Reinforced Reducer



SR Fipt x SR Fipt - Stainless Steel Collar

830-101CSR	3/4X1/2	50	200	096	18.48
830-130CSR	1X1/2	50	0	096	22.32
830-131CSR	1X3/4	25	200	096	22.32
830-168CSR	1-1/4X1	25	0	096	30.35
830-210CSR	1-1/2X3/4	25	0	096	43.40
830-211CSR	1-1/2X1	10	80	096	43.40
830-212CSR	1-1/2X1-1/4	10	80	096	43.40
830-249CSR	2X1	25	0	096	106.83
830-251CSR	2X1-1/2	15	0	096	106.83

Female Adapter - Special Reinforced



Socket x SR Fipt - Stainless Steel Collar

835-002CSR	1/4	25	450	096	14.47
835-003CSR	3/8	25	300	096	14.47
835-005CSR	1/2	25	150	096	6.22
835-007CSR	3/4	25	150	096	6.72
835-010CSR	1	25	200	096	15.32
835-012CSR	1-1/4	10	60	096	15.72
835-015CSR	1-1/2	10	80	096	18.24
835-020CSR	2	10	0	096	25.92
835-025CSR	2-1/2	5	0	096	60.26
835-030CSR	3	15	0	096	123.82
835-040CSR	4	5	0	096	206.08
835-060CSR	6	6	0	096	321.94

Female Adapter - Encapsulated Special Reinforced



Socket x ESR Fipt

835-002CESR	1/4	25	450	096	18.36
835-003CESR	3/8	25	300	096	18.36
835-005CESR	1/2	25	300	096	9.53
835-007CESR	3/4	25	300	096	10.06
835-010CESR	1	25	200	096	22.17
835-012CESR	1-1/4	10	80	096	22.69
835-015CESR	1-1/2	10	80	096	29.39
835-020CESR	2	10	0	096	45.67

Female Spigot Adapter - Special Reinforced



Spigot x SR Fipt - Stainless Steel Collar

878-005CSR	1/2	50	600	096	6.62
878-007CSR	3/4	25	300	096	6.99
878-010CSR	1	50	0	096	15.73
878-012CSR	1-1/4	25	0	096	16.26

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Female Spigot Adapter - Special Reinforced (continued)

Spigot x SR Fipt - Stainless Steel Collar

878-015CSR	1-1/2	25	0	096	18.88
878-020CSR	2	15	0	096	34.39
878-030CSR	3	5	0	096	125.38
878-040CSR	4	5	0	096	210.47

Female Adapter - Special Reinforced Reducing



Socket x SR Fipt - Stainless Steel Collar

835-074CSR	1/2X3/4	50	400	096	6.72
835-101CSR	3/4X1/2	50	400	096	6.72
835-102CSR	3/4X1	50	0	096	15.32
835-130CSR	1X1/2	50	0	096	15.32
835-131CSR	1X3/4	25	200	096	15.32

Female Spigot Adapter - Encapsulated Special Reinforced



Spigot x ESR Fipt

878-005CESR	1/2	50	600	096	9.81
878-007CESR	3/4	25	300	096	10.44
878-010CESR	1	50	0	096	22.38
878-012CESR	1-1/4	25	0	096	22.99
878-015CESR	1-1/2	25	0	096	29.97
878-020CESR	2	15	0	096	46.33

Female Spigot Adapter - Special Reinforced Reducing



Spigot x SR Fipt - Stainless Steel Collar

878-072CSR	1/2X1/4	25	450	096	18.99
878-098CSR	3/4X1/4	50	300	096	22.11
878-128CSR	1X1/4	50	400	096	24.75

Male Adapter - Internal Reinforced



R Mipt x Socket - Stainless Steel Sleeve

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836-005CR	1/2	25	150	096	9.55
836-007CR	3/4	25	300	096	10.94
836-010CR	1	10	120	096	12.98

Reducer Bushing - Special Reinforced Reducing Flush Style



Mipt x SR Fipt - Stainless Steel Collar

839-209CSR	1-1/2X1/2	25	300	096	24.49
839-210CSR	1-1/2X3/4	25	300	096	24.49
839-247CSR	2X1/2	10	60	096	27.07
839-248CSR	2X3/4	10	60	096	27.07
839-249CSR	2X1	10	120	096	27.07
839-420CSR	4X2	6	0	096	150.32



Transition Fittings Product
CPVC Gray Special Reinforced (SR) Fittings

CPVC Gray Special Reinforced (SR) Fittings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Reducer Bushing - Special Reinforced



Spigot x SR Fipt - Stainless Steel Collar

838-128CSR	1X1/4	25	150	096	14.12
838-207CSR	1-1/2X1/4	25	200	096	23.87
838-209CSR	1-1/2X1/2	10	120	096	24.88
838-210CSR	1-1/2X3/4	10	120	096	24.88
838-247CSR	2X1/2	10	80	096	34.19
838-248CSR	2X3/4	10	80	096	34.19
838-249CSR	2X1	10	120	096	34.19
838-334CSR	3X3/4	10	0	096	144.80
838-335CSR	3X1	10	0	096	144.80
838-336CSR	3X1-1/4	10	0	096	144.80
838-337CSR	3X1-1/2	10	0	096	144.80
838-528CSR	6X2	5	0	096	497.81
838-530CSR	6X3	5	0	096	497.81

Cap - Special Reinforced



SR Fipt - Stainless Steel Collar

848-002CSR	1/4	25	500	096	7.82
848-003CSR	3/8	25	450	096	7.82
848-007CSR	3/4	25	300	096	12.19
848-030CSR	3	5	0	096	136.06

Union 2000 - Socket/Special Reinforced Fipt/EPDM



Socket x SR Fipt w/EPDM O-ring Seal - Stainless Steel Collar

235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8099-005CSR	1/2	20	120	096	17.52
8099-007CSR	3/4	20	160	096	31.11
8099-010CSR	1	15	90	096	43.07
8099-012CSR	1-1/4	10	0	096	81.60
8099-015CSR	1-1/2	10	0	096	88.75
8099-020CSR	2	5	0	096	93.45
8099-025CSR	2-1/2	5	0	096	160.28
8099-030CSR	3	5	0	096	260.34
8099-040CSR	4	4	0	096	305.74
8099-060CSR	6	1	0	096	679.44

Union 2000 - Special Reinforced



Soc x SR Fipt with FKM O-ring Seal - Stainless Steel Collar

235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8059-005CSR	1/2	25	200	096	17.87
8059-007CSR	3/4	20	160	096	31.53
8059-010CSR	1	15	90	096	43.43
8059-012CSR	1-1/4	10	0	096	82.81

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Union 2000 - Special Reinforced (continued)

Soc x SR Fipt with FKM O-ring Seal - Stainless Steel Collar

8059-015CSR	1-1/2	10	0	096	90.02
8059-020CSR	2	5	0	096	93.72
8059-030CSR	3	5	0	096	263.64
8059-040CSR	4	4	0	096	307.59

Union 2000 - Special Reinforced Fipt/FKM



SR Fipt x SR Fipt w/FKM O-ring Seal - Stainless Steel Collar

235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8058-005CSR	1/2	20	120	096	18.34
8058-007CSR	3/4	20	80	096	31.97
8058-010CSR	1	15	90	096	43.94
8058-012CSR	1-1/4	10	0	096	82.81
8058-015CSR	1-1/2	10	0	096	90.37
8058-020CSR	2	5	0	096	95.22
8058-030CSR	3	5	0	096	269.08
8058-040CSR	4	4	0	096	315.24
8058-060CSR	6	1	0	096	709.95

Union 2000 - Special Reinforced Fipt/EPDM



SR Fipt x SR Fipt w/EPDM O-ring Seal - Stainless Steel Collar

235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8098-005CSR	1/2	20	160	096	17.73
8098-007CSR	3/4	20	80	096	31.67
8098-010CSR	1	15	90	096	43.43
8098-012CSR	1-1/4	10	0	096	82.01
8098-015CSR	1-1/2	10	0	096	89.67
8098-020CSR	2	5	0	096	94.28
8098-025CSR	2-1/2	5	0	096	162.94
8098-030CSR	3	5	0	096	264.92
8098-040CSR	4	4	0	096	306.69
8098-060CSR	6	1	0	096	681.54

Union (Old Style) - Socket/Special Reinforced Fipt/EPDM



Socket x SR Fipt w/EPDM O-ring Seal - Stainless Steel Collar

235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

899-002CSR	1/4	25	150	096	27.94
899-003CSR	3/8	25	100	096	27.94
899-005CSR	1/2	10	60	096	17.52
899-007CSR	3/4	10	40	096	31.11
899-010CSR	1	10	40	096	43.07
899-012CSR	1-1/4	5	20	096	81.60
899-015CSR	1-1/2	5	0	096	88.75
899-020CSR	2	5	0	096	93.45
899-030CSR	3	5	0	096	260.34
899-040CSR	4	4	0	096	305.74

Transition Fittings Product
CPVC Gray Special Reinforced (SR) Fittings



CPVC Gray Special Reinforced (SR) Fittings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Union (Old Style) - Socket/Special Reinforced Fipt/FKM

Socket x SR Fipt w/FKM O-ring Seal - Stainless Steel Collar



235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

859-002CSR	1/4	25	150	096	28.13
859-003CSR	3/8	25	100	096	28.13
859-005CSR	1/2	10	60	096	17.87
859-007CSR	3/4	10	60	096	31.53
859-010CSR	1	10	40	096	43.43
859-012CSR	1-1/4	5	20	096	82.81
859-015CSR	1-1/2	5	0	096	90.02
859-020CSR	2	5	0	096	93.72
859-030CSR	3	5	0	096	263.64
859-040CSR	4	4	0	096	307.59

Flange - Special Reinforced One Piece Threaded

SR Fipt - Stainless Steel Collar



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

852-005CSR	1/2	25	0	096	22.88
852-007CSR	3/4	25	0	096	27.76
852-010CSR	1	15	0	096	30.37
852-012CSR	1-1/4	15	0	096	42.03
852-015CSR	1-1/2	15	0	096	44.56
852-020CSR	2	10	0	096	45.64
852-025CSR	2-1/2	10	0	096	73.43
852-030CSR	3	10	0	096	72.86
852-040CSR	4	5	0	096	136.54

Tank Adapters, CPVC New Style Special Reinforced (SR) Threaded with Neoprene Gaskets

Socket x SR Fipt - Stainless Steel Collar



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8171-002CSR	1/4	25	150	101	55.18
8171-003CSR	3/8	25	200	101	55.18
8171-005CSR	1/2	25	0	101	55.18
8171-007CSR	3/4	25	0	101	66.04
8171-010CSR	1	25	0	101	74.71
8171-012CSR	1-1/4	20	0	101	96.37
8171-015CSR	1-1/2	20	0	101	108.19
8171-020CSR	2	15	0	101	149.61
8171-025CSR	2-1/2	4	0	101	227.58
8171-030CSR	3	4	0	101	270.87
8171-040CSR	4	2	0	101	435.33
8171-060CSR	6	1	0	101	1149.75

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Tank Adapters, CPVC New Style Special Reinforced (SR) Threaded with EPDM Gaskets

Socket x SR Fipt - Stainless Steel Collar



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8171E-002CSR	1/4	25	150	101	62.54
8171E-003CSR	3/8	25	200	101	62.54
8171E-005CSR	1/2	25	0	101	62.54
8171E-007CSR	3/4	25	0	101	70.68
8171E-010CSR	1	25	0	101	84.51
8171E-012CSR	1-1/4	20	0	101	105.62
8171E-015CSR	1-1/2	20	0	101	114.27
8171E-020CSR	2	15	0	101	161.54
8171E-025CSR	2-1/2	4	0	101	237.39
8171E-030CSR	3	4	0	101	282.60
8171E-040CSR	4	2	0	101	453.11
8171E-060CSR	6	2	0	101	1196.60

Tank Adapters, CPVC New Style Special Reinforced (SR) Threaded with FKM Gaskets

Socket x SR Fipt - Stainless Steel Collar



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8171V-002CSR	1/4	25	150	101	81.48
8171V-003CSR	3/8	25	200	101	81.48
8171V-005CSR	1/2	25	0	101	81.48
8171V-007CSR	3/4	25	0	101	94.19
8171V-010CSR	1	25	0	101	109.57
8171V-012CSR	1-1/4	20	0	101	135.83
8171V-015CSR	1-1/2	20	0	101	145.05
8171V-020CSR	2	15	0	101	215.99
8171V-025CSR	2-1/2	4	0	101	318.29
8171V-030CSR	3	4	0	101	379.00
8171V-040CSR	4	2	0	101	809.26
8171V-060CSR	6	2	0	101	1998.03

Tank Adapters, CPVC New Style Special Reinforced (SR) Threaded with Neoprene Gaskets

Fipt x SR Fipt - Stainless Steel Collar



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172-002CSR	1/4	25	150	101	73.09
8172-003CSR	3/8	25	200	101	73.09
8172-005CSR	1/2	25	0	101	73.09
8172-007CSR	3/4	25	0	101	84.88
8172-010CSR	1	25	0	101	93.53
8172-012CSR	1-1/4	20	0	101	132.68
8172-015CSR	1-1/2	20	0	101	148.23
8172-020CSR	2	15	0	101	183.27
8172-025CSR	2-1/2	4	0	101	265.98
8172-030CSR	3	4	0	101	316.65
8172-040CSR	4	2	0	101	486.35
8172-060CSR	6	2	0	101	1303.01



Transition Fittings Product
CPVC Gray Special Reinforced (SR) Fittings & CPVC Gray Brass Thread Fittings

CPVC Gray Special Reinforced (SR) Fittings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Tank Adapters, CPVC New Style Special Reinforced (SR) Threaded with EPDM Gaskets

Fipt x SR Fipt - Stainless Steel Collar

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172E-002CSR	1/4	25	150	101	75.96
8172E-003CSR	3/8	25	200	101	75.96
8172E-005CSR	1/2	25	0	101	75.96
8172E-007CSR	3/4	25	0	101	89.94
8172E-010CSR	1	25	0	101	97.64
8172E-012CSR	1-1/4	20	0	101	137.82
8172E-015CSR	1-1/2	20	0	101	160.22
8172E-020CSR	2	15	0	101	196.65
8172E-025CSR	2-1/2	4	0	101	296.66
8172E-030CSR	3	4	0	101	353.17
8172E-040CSR	4	2	0	101	571.74
8172E-060CSR	6	2	0	101	1322.29



Tank Adapters, CPVC New Style Special Reinforced (SR) Threaded with FKM Gaskets

Fipt x SR Fipt - Stainless Steel Collar

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8172V-002CSR	1/4	25	150	101	116.63
8172V-003CSR	3/8	25	200	101	116.63
8172V-005CSR	1/2	25	0	101	116.63
8172V-007CSR	3/4	25	0	101	131.95
8172V-010CSR	1	25	0	101	152.39
8172V-012CSR	1-1/4	20	0	101	188.15
8172V-015CSR	1-1/2	20	0	101	198.15
8172V-020CSR	2	15	0	101	304.54
8172V-025CSR	2-1/2	4	0	101	440.04
8172V-030CSR	3	4	0	101	523.86
8172V-040CSR	4	2	0	101	1336.75
8172V-060CSR	6	2	0	101	2427.18



Elastomer Expansion Joint - CPVC

CPVC with EPDM Bellows SR Fipt - Stainless Steel Collar

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

EJ21-007CSR	3/4	10	0	085	230.72
EJ21-010CSR	1	10	0	085	265.32
EJ21-012CSR	1-1/4	15	0	085	293.19
EJ21-015CSR	1-1/2	10	0	085	373.71
EJ21-020CSR	2	8	0	085	493.97
EJ21-025CSR	2-1/2	4	0	085	686.02
EJ21-030CSR	3	2	0	085	913.68



CPVC Gray Brass Thread Fittings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Tee - Brass Transition

Socket x Socket x Fipt With Brass Thread Insert

802-005CBR	1/2	20	140	096	64.68
802-007CBR	3/4	20	80	096	129.36

Not intended to convey or dispense water for human consumption through drinking or cooking



Tee - Brass Transition Reducing

Socket x Socket x Fipt With Brass Thread Insert

802-101CBR	3/4X1/2	50	0	096	80.18
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Not intended to convey or dispense water for human consumption through drinking or cooking



90° Ell - Brass Transition

Socket x Fipt With Brass Thread Insert

807-005CBR	1/2	20	240	096	56.87
807-007CBR	3/4	20	160	096	99.29

Not intended to convey or dispense water for human consumption through drinking or cooking



90° Ell - Brass Transition Reducing

Socket x Fipt With Brass Thread Insert

807-101CBR	3/4X1/2	20	120	096	71.13
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Not intended to convey or dispense water for human consumption through drinking or cooking



Female Adapter - Brass Transition

Socket x Fipt With Brass Thread Insert

835-005CBR	1/2	25	150	096	35.06
835-007CBR	3/4	15	90	096	72.56
835-010CBR	1	15	90	096	127.34
835-012CBR	1-1/4	15	60	096	207.73
835-015CBR	1-1/2	10	40	096	273.88
835-020CBR	2	8	32	096	342.07

Not intended to convey or dispense water for human consumption through drinking or cooking



Female Adapter - Stainless Steel Transition

Socket x Fipt With Type 316 Stainless Steel Thread Insert

835-005CSS	1/2	25	150	096	68.84
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NSF® Certified Lead Free

Transition Fittings Product
CPVC Gray Brass Thread Fittings & CPVC Orange Special Reinforced (SR) Fittings



CPVC Gray Brass Thread Fittings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Female Adapter - Stainless Steel Transition (continued)

Socket x Fipt With Type 316 Stainless Steel Thread Insert

835-007CSS	3/4	15	90	096	96.12
835-010CSS	1	15	90	096	168.21
835-012CSS	1-1/4	25	0	096	273.38
835-015CSS	1-1/2	10	40	096	356.64
835-020CSS	2	8	32	096	417.38

Male Adapter - CPVC Lined Brass Transition



Brass Mipt x Socket

NSF® Certified Lead Free

836-005CBR	1/2	40	160	096	77.72
836-007CBR	3/4	40	160	096	109.42
836-010CBR	1	10	60	096	190.57
836-012CBR	1-1/4	10	40	096	309.98
836-015CBR	1-1/2	10	40	096	403.00
836-020CBR	2	8	32	096	472.24

Union - Socket/Brass Fipt/FKM



Socket x Fipt with Brass Thread Insert & FKM O-ring Seal

235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

859-007CBR	3/4	10	20	096	161.96
859-010CBR	1	10	0	096	180.39
859-012CBR	1-1/4	5	0	096	302.39
859-015CBR	1-1/2	5	0	096	343.63
859-020CBR	2	5	0	096	388.38

Not intended to convey or dispense water for human consumption through drinking or cooking

Union - Socket/Brass Fipt/EPDM



Socket x Fipt with Brass Thread Insert & EPDM O-ring Seal

235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

899-007CBR	3/4	10	40	096	159.21
899-010CBR	1	10	0	096	178.17
899-012CBR	1-1/4	5	20	096	298.57
899-015CBR	1-1/2	5	0	096	339.24
899-020CBR	2	5	0	096	383.61

Not intended to convey or dispense water for human consumption through drinking or cooking

CPVC Orange Special Reinforced (SR) Fittings

The CPVC Orange fittings in this section (4200 series part numbers) are approved by Underwriters Laboratories, FM Global, and LPCB for use in CPVC Fire Sprinkler Systems. When installed in these systems, installation must be made in accordance with Spears® publication FG-3, *FlameGuard® CPVC Fire Sprinkler Products Installation Instructions*, and local codes. However, these fittings can also be used in many other types of installations, such as hot water distribution. CPVC fittings may also be used on PVC pipe when installed with a quality CPVC solvent cement meeting the requirements of ASTM F 493, Standard Specification for Solvent Cements for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe and Fittings.

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Sprinkler Head Tee - Special Reinforced Plastic Thread Style



Socket x Socket x SR Fipt - Stainless Steel Collar

NSF® Certified Lead-Free

4202-010SR	1	15	0	076	22.84
4202-101SR	3/4X1/2	50	0	076	8.24
4202-124SR	1X3/4X1/2	50	0	076	8.91
4202-130SR	1X1/2	50	0	076	8.91
4202-156SR	1-1/4X1X1/2	15	0	076	14.84
4202-166SR	1-1/4X1/2	15	0	076	14.84
4202-168SR	1-1/4X1	15	0	076	31.89
4202-199SR	1-1/2X1-1/4X1/2	10	0	076	19.53
4202-209SR	1-1/2X1/2	25	0	076	19.53
4202-211SR	1-1/2X1-1/2X1	10	0	076	19.53
4202-237SR	2X1-1/2X1/2	10	0	076	27.56
4202-247SR	2X1/2	10	0	076	27.56
4202-287SR	2-1/2X1/2	10	0	076	37.77

Sprinkler Head Tee - Special Reinforced Plastic Thread Style



Socket x SR Fipt x Socket - Stainless Steel Collar

NSF® Certified Lead-Free

4203-122SR	1X1/2X1	50	0	076	9.57
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Sprinkler Head 90° Ell - Special Reinforced Plastic Thread Style



Socket x SR Fipt - Stainless Steel Collar

NSF® Certified Lead-Free

4207-101SR	3/4X1/2	20	180	076	5.43
4207-130SR	1X1/2	10	150	076	7.66
4207-131SR	1X3/4	50	0	076	9.26
4207-166SR	1-1/4X1/2	25	0	076	9.73



Transition Fittings Product
CPVC Orange Special Reinforced (SR) Fittings

CPVC Orange Special Reinforced (SR) Fittings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Female Adapter - Special Reinforced Plastic Thread Style

Socket x SR Fipt - Stainless Steel Collar

NSF® Certified Lead-Free

4235-007SR	3/4	25	300	076	9.68
4235-010SR	1	25	200	076	17.03
4235-012SR	1-1/4	10	60	076	27.73

SofTorque™ SR Female Sprinkler Head Adapter - Gasket Sealed Special Reinforced Plastic Thread Style

Socket x SR Fipt - Stainless Steel Collar With Elastomer Seal - Use NO Thread Sealant

NSF® Certified Lead-Free

4235-130GSR	1X1/2	50	0	076	11.60
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Female Sprinkler Head Adapter - Special Reinforced Plastic Thread Style

Socket x SR Fipt - Stainless Steel Collar

NSF® Certified Lead-Free

4235-101SR	3/4X1/2	50	200	076	5.92
4235-130SR	1X1/2	50	0	076	6.33
4235-131SR	1X3/4	50	0	076	10.02

Female Sprinkler Head Adapter - Special Reinforced Plastic Thread Style with Socket Body Wrench Flats

Socket x SR Fipt - Stainless Steel Collar

NSF® Certified Lead-Free

W4235-101SR	3/4X1/2	50	0	076	6.75
W4235-130SR	1X1/2	50	0	076	7.22

Female Sprinkler Head Adapter - Special Reinforced Plastic Thread Style with Positioning Ring

Socket x SR Fipt - Stainless Steel Collar

R4235-101SR	3/4X1/2	25	300	076	6.68
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Spigot Female Sprinkler Head Adapters - Special Reinforced Plastic Thread Style

Spigot x SR Fipt - Stainless Steel Collar

NSF® Certified Lead-Free

4238-101SR	3/4X1/2	50	400	076	5.92
4238-130SR	1X1/2	50	0	076	6.41

Part Number	Size	L - Max	Std Pk	Mstr Ctn	Prod Code	MSRP
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Adjustable Sprinkler Head Adapters - Special Reinforced Plastic Thread Style

Socket x SR Fipt - Stainless Steel Collar TRAVEL = 1-9/16"

NSF® Certified Lead-Free

42001SR	3/4X1/2	8-11/32	12	0	076	15.11
42011SR	1X1/2	8-7/16	12	0	076	15.11

L-Max = Maximum Adjustable Length

Adjustable Sprinkler Head Adapters - Special Reinforced Plastic Thread Style

Spigot x SR Fipt - Stainless Steel Collar TRAVEL = 1-5/8"

NSF® Certified Lead-Free

42004SR	3/4X1/2	8-11/32	12	0	076	15.11
42014SR	1X1/2	8-3/8	12	0	076	15.11

L-Max = Maximum Adjustable Length

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Spigot Female Adapter - Special Reinforced Plastic Thread Style

Spigot x SR Fipt - Stainless Steel Collar

NSF® Certified Lead-Free

4278-007SR	3/4	25	300	076	10.17
4278-010SR	1	50	0	076	18.11

Transition Fittings Product
CPVC Orange Brass Thread Fittings



CPVC Orange Brass Thread Fittings

The CPVC Orange fittings in this section (4200 series part numbers) are approved by Underwriters Laboratories, FM Global, and LPCB for use in CPVC Fire Sprinkler Systems. When installed in these systems, installation must be made in accordance with Spears® publication FG-3, *FlameGuard® CPVC Fire Sprinkler Products Installation Instructions*, and local codes. However, these fittings can also be used in many other types of installations, such as hot water distribution. CPVC fittings may also be used on PVC pipe when installed with a quality CPVC solvent cement meeting the requirements of ASTM F 493, Standard Specification for Solvent Cements for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe and Fittings.

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Sprinkler Head Tee - Brass Thread Insert Style

Socket x Socket x Fipt



4202-101	3/4X1/2	50	0	076	15.48
4202-124	1X3/4X1/2	50	0	076	16.72
4202-130	1X1/2	50	0	076	16.72
4202-010	1	10	40	076	42.99
4202-156	1-1/4X1X1/2	15	0	076	27.87
4202-166	1-1/4X1/2	15	0	076	27.87
4202-199	1-1/2X1-1/4X1/2	10	0	076	36.72
4202-209	1-1/2X1/2	10	0	076	36.72
4202-237	2X1-1/2X1/2	10	0	076	51.78
4202-247	2X1/2	10	0	076	51.78

Not intended to convey or dispense water for human consumption through drinking or cooking

Sprinkler Head Tee - Brass Thread Insert Style

Socket x Fipt x Socket



4203-122	1X1/2X1	50	0	076	27.46
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Not intended to convey or dispense water for human consumption through drinking or cooking

TorqueSafe™ Sprinkler Head Tee - Gasket Sealed Brass Thread Insert Style

Socket x Socket x Gasket Fipt With Elastomer Seal - Use NO Thread Sealant



4202-101 G	3/4X1/2	50	0	076	15.48
4202-124 G	1X3/4X1/2	50	0	076	16.72
4202-130 G	1X1/2	50	0	076	16.72
4202-166 G	1-1/4X1/2	15	0	076	27.87
4202-209 G	1-1/2X1/2	10	0	076	36.72
4202-247 G	2X1/2	10	0	076	51.78

FIPT With Elastomer Seal - Use NO Thread Sealant.

Not intended to convey or dispense water for human consumption through drinking or cooking

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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TorqueSafe™ Sprinkler Head Tee - Gasket Sealed Brass Thread Insert Style

Socket x Gasket Fipt x Socket With Elastomer Seal - Use NO Thread Sealant



4203-122 G	1X1/2X1	50	0	076	27.46
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FIPT With Elastomer Seal - Use NO Thread Sealant

Not intended to convey or dispense water for human consumption through drinking or cooking

Sprinkler Head 90° Ell - Brass Thread Insert Style

Socket x Fipt



4207-101	3/4X1/2	20	120	076	10.23
4207-130	1X1/2	15	90	076	14.38
4207-131	1X3/4	25	0	076	17.40
4207-166	1-1/4X1/2	10	60	076	20.02

Not intended to convey or dispense water for human consumption through drinking or cooking

TorqueSafe™ 90° Sprinkler Head Elbow - Gasket Sealed Brass Thread Insert Style

Socket x Gasket Fipt With Elastomer Seal - Use NO Thread Sealant



4207-101 G	3/4X1/2	20	120	076	10.23
4207-130 G	1X1/2	15	90	076	14.38
4207-166 G	1-1/4X1/2	10	60	076	20.02

FIPT With Elastomer Seal - Use NO Thread Sealant.

Not intended to convey or dispense water for human consumption through drinking or cooking

Female Adapter - Brass Thread Insert Style

Socket x Fipt



4235-007	3/4	15	90	076	20.41
4235-010	1	15	90	076	35.82
4235-012	1-1/4	15	60	076	58.40
4235-015	1-1/2	10	40	076	77.91
4235-020	2	8	32	076	97.64

Not intended to convey or dispense water for human consumption through drinking or cooking

TorqueSafe™ Female Sprinkler Head Adapter - Gasket Sealed Brass Thread Insert Style

Socket x Gasket Fipt With Elastomer Seal - Use NO Thread Sealant



4235-130GS	1X1/2	50	0	076	14.12
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FIPT With Elastomer Seal - Use NO Thread Sealant.

Not intended to convey or dispense water for human consumption through drinking or cooking



Transition Fittings Product
CPVC Orange Brass Thread Fittings & CPVC Orange Brass Grooved Coupling Adapter & Special Reinforced (SR) & Metal Threaded Transition Fittings & Adapters

CPVC Orange Brass Thread Fittings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Female Sprinkler Head Adapter - Brass Thread Insert Style

Socket x Fipt

4235-101	3/4X1/2	50	0	076	12.35
4235-130	1X1/2	50	0	076	13.05
4235-131	1X3/4	50	0	076	18.81

Not intended to convey or dispense water for human consumption through drinking or cooking



Female Sprinkler Head Adapter - Brass Thread Insert Style with Long Body

Socket x Fipt

L4235-130	1X1/2	50	0	076	16.87
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Not intended to convey or dispense water for human consumption through drinking or cooking



Female Sprinkler Head Adapter - Brass Thread Insert Style with Positioning Ring

Socket x Fipt

R4235-101	3/4X1/2	50	0	076	11.16
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Not intended to convey or dispense water for human consumption through drinking or cooking



Male Adapter

MIPT x Socket

NSF® Certified Lead-Free

4236-007	3/4	40	160	076	45.94
4236-010	1	10	60	076	70.23
4236-012	1-1/4	10	40	076	83.99
4236-015	1-1/2	10	40	076	152.43
4236-020	2	8	32	076	202.84



Spigot Female Sprinkler Head Adapters - Brass Thread Insert Style

Spigot x Fipt

4238-101	3/4X1/2	50	200	076	11.16
4238-130	1X1/2	50	0	076	11.91

Not intended to convey or dispense water for human consumption through drinking or cooking



Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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TorqueSafe™ Female Spigot Sprinkler Head Adapters - Gasket Sealed Brass Thread Insert Style

Spigot x Gasket Fipt With Elastomer Seal - Use NO Thread Sealant



4238-101 G	3/4X1/2	50	200	076	11.16
4238-130 G	1X1/2	50	0	076	11.91

FIPT With Elastomer Seal - Use NO Thread Sealant.
Not intended to convey or dispense water for human consumption through drinking or cooking

Bushing - with Brass Thread Insert

Spigot x Fipt



4238-130BR	1X1/2	50	200	076	15.41
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Not intended to convey or dispense water for human consumption through drinking or cooking

Spigot Female Adapter - Brass Thread Insert Style

Spigot x Fipt



4278-007	3/4	25	150	076	19.09
4278-010	1	15	90	076	34.01

Not intended to convey or dispense water for human consumption through drinking or cooking

CPVC Orange Brass Grooved Coupling Adapter

Grooved Coupling Adapter

Brass Groove End x Socket



4233-012	1-1/4	10	40	076	115.49
4233-015	1-1/2	10	40	076	122.41
4233-020	2	8	32	076	141.77
4233-025	2-1/2	5	0	076	181.85
4233-030	3	5	0	076	202.16

Not intended to convey or dispense water for human consumption through drinking or cooking

CTS CPVC Tan Special Reinforced (SR) Fittings

90° Ell - Special Reinforced

Socket x SR Fipt - Stainless Steel Collar



NSF® Certified Lead Free

4107-005SR	1/2	50	300	035	9.28
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Transition Fittings Product
Special Reinforced (SR) & Metal Threaded Transition Fittings & Adapters



CTS CPVC Tan Special Reinforced (SR) Fittings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Drop Ear 90° Ell - CPVC Zinc Reinforced(One Piece Unit)

Socket x SR Fipt - Zinc Collar

NSF® Certified Lead Free

DEZ4107-005SR	1/2	10	150	035	19.44
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Drop Ear 90° Ell - Special Reinforced CPVC Fitting with Bracket

Socket x SR Fipt - Stainless Steel Collar

NSF® Certified Lead Free

DE4107-005SR	1/2	10	200	035	9.57
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Female Adapter - CPVC Special Reinforced

Socket x SR Fipt - Stainless Steel Collar

NSF® Certified Lead Free

4135-005SR	1/2	25	200	036	7.97
4135-007SR	3/4	25	300	036	8.76
4135-010SR	1	5	100	036	11.11



Female Adapter - CPVC Reducing Special Reinforced

Socket x SR Fipt - Stainless Steel Collar

NSF® Certified Lead Free

4135-131SR	1X3/4	25	150	036	15.47
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Male Adapter - Internal Stainless Steel Reinforced

R Mipt x Socket - Stainless Steel Sleeve

NSF® Certified Lead Free

4136-005R	1/2	25	300	036	10.22
4136-007R	3/4	25	300	036	11.36
4136-010R	1	10	120	036	16.93



Union - Special Reinforced

Socket x SR Fipt - Stainless Steel Collar

100 psi Maximum Internal Pressure @ 180°F (82°C) -

NSF® Certified Lead Free

4199-005SR	1/2	20	120	036	14.59
4199-007SR	3/4	10	60	036	25.04
4199-010SR	1	10	40	036	41.58



CTS CPVC Tan Gasket Sealed Brass Thread Fittings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Female Adapter - Gasket Sealed Brass Thread Transition

Socket x Gasket Fipt - Use NO Thread Sealant

NSF® Certified Lead Free

4135-005BRG	1/2	25	150	033	14.93
4135-007BRG	3/4	25	150	033	19.77
4135-010BRG	1	15	90	033	68.26
4135-012BRG	1-1/4	15	60	033	114.43
4135-015BRG	1-1/2	10	40	033	130.28
4135-020BRG	2	8	32	033	203.66



Female Adapter - Reducing Gasket Sealed Brass Thread Transition

Socket x Gasket Fipt - Use NO Thread Sealant

NSF® Certified Lead Free

4135-101BRG	3/4X1/2	25	150	033	29.18
4135-130BRG	1X1/2	50	0	033	49.49



Male Adapter - Transition with CPVC Lined Brass Thread

Brass Mipt x Socket

NSF® Certified Lead Free

4136-005BR	1/2	60	360	033	17.91
4136-007BR	3/4	40	160	033	23.72
4136-010BR	1	10	60	033	81.92
4136-012BR	1-1/4	10	60	033	137.32
4136-015BR	1-1/2	10	40	033	156.34
4136-020BR	2	8	32	033	244.38



Union - Gasket Sealed Brass Thread Transition

Socket x Gasket Fipt - Use No Thread Sealant

100 psi Maximum Internal Pressure @ 180°F (82°C) -

NSF® Certified Lead Free

4199-005BRG	1/2	20	120	033	24.00
4199-007BRG	3/4	10	60	033	36.18
4199-010BRG	1	10	40	033	62.37



Transition Fittings Product
Special Reinforced (SR) & Metal Threaded Transition Fittings & Adapters & CTS CPVC Tan GripLoc™ Coupling & Blue 75™ Thread Sealant

CTS CPVC Tan Gasket Sealed Plastic Thread Fittings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Female Adapter - with Gasket

Socket x Thread

For Cold Water Service Only - NSF® Certified Lead Free

4135-005OR	1/2	100	500	035	2.95
4135-007OR	3/4	50	250	035	4.16
4135-010OR	1	10	100	035	4.82

CTS CPVC Tan GripLoc™ Coupling

GripLoc™ Coupling



**WARNING: DO NOT INSERT FINGERS
 EPDM Gasket**

Uses No Solvent Cement - Excellent transition to Copper Pipe

GL4129-005	1/2	1	75	135	15.79
GL4129-007	3/4	1	50	135	16.45
GL4129-010	1	12	24	135	20.83

Blue 75™ Thread Sealant

Blue 75™ Thread Sealant

SB75-005	1/4 Pint	24	0	895	11.59
SB75-010	1/2 Pint	24	0	895	18.46
SB75-020	Pint	12	0	895	29.85
SB75-030	Quart	12	0	895	53.64