



PVC Schedule 80 Fittings



PRODUCT

Contact Spears® for any Information not found.

Schedule 80 PVC Product
PVC Schedule 80 Fittings



Tees				
Part Number	Size	Std Pk	Mstr Ctn	Prod Code

Tee

Socket x Socket x Socket



801-002	1/4	50	300	080
801-003	3/8	25	150	080
801-005	1/2	25	200	080
801-007	3/4	15	120	080
801-010	1	25	0	080
801-012	1-1/4	10	0	080
801-015	1-1/2	10	0	080
801-020	2	10	0	080
801-025	2-1/2	10	0	080
801-030	3	5	0	080
801-040	4	5	0	080
801-050	5	5	0	080
801-050F	5	1	4	083
801-060	6	2	0	080
801-080	8	2	0	080
801-080F	8	1	0	083
801-100	10	1	0	081
801-100F	10	1	0	083
801-120	12	1	0	081
801-120F	12	1	0	083
801-140	14	1	0	082
801-140F	14	1	0	083
801-160F	16	1	0	083
801-180F	18	1	0	083
801-200F	20	1	0	083
801-240F	24	1	0	083

Tee - Reducing

Socket x Socket x Socket



801-101	3/4X1/2	15	120	080
801-130	1X1/2	15	0	080
801-131	1X3/4	15	0	080
801-157	1-1/4X1X3/4	15	0	080
801-158	1-1/4X1X1	15	0	080
801-159	1-1/4X1X1-1/4	15	0	080
801-166 ¹	1-1/4X1/2	10	0	080
801-167	1-1/4X3/4	10	0	080
801-168	1-1/4X1	15	0	080
801-202	1-1/2X1-1/4X1	10	0	080
801-209	1-1/2X1/2	10	0	080
801-210	1-1/2X3/4	15	0	080
801-211	1-1/2X1	10	0	080
801-212	1-1/2X1-1/4	10	0	080
801-247	2X1/2	10	0	080
801-248	2X3/4	10	0	080
801-249	2X1	10	0	080

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

Socket x Socket x Socket

801-250	2X1-1/4	10	0	080
801-251	2X1-1/2	10	0	080
801-254 ¹	2X2X4	5	0	080
801-287	2-1/2X1/2	10	0	080
801-288	2-1/2X3/4	10	0	080
801-289	2-1/2X1	10	0	080
801-290	2-1/2X1-1/4	10	0	080
801-291	2-1/2X1-1/2	10	0	080
801-292	2-1/2X2	10	0	080
801-333 ¹	3X1/2	5	0	080
801-334	3X3/4	6	0	080
801-335	3X1	5	0	080
801-336 ¹	3X1-1/4	5	0	080
801-337	3X1-1/2	5	0	080
801-338	3X2	5	0	080
801-339	3X2-1/2	6	0	080
801-415 ¹	4X1/2	5	0	080
801-416 ¹	4X3/4	5	0	080
801-417	4X1	5	0	080
801-418 ¹	4X1-1/4	5	0	080
801-419	4X1-1/2	5	0	080
801-420	4X2	5	0	080
801-421 ¹	4X2-1/2	5	0	080
801-422	4X3	5	0	080
801-426 ¹	4X6	4	0	080
801-482 ¹	5X1-1/4	4	0	080
801-482F	5X1-1/4	1	5	083
801-484 ¹	5X1-1/2	4	0	080
801-484F	5X1-1/2	1	5	083
801-486 ¹	5X2	4	0	080
801-486F	5X2	1	5	083
801-487 ¹	5X2-1/2	4	0	080
801-487F	5X2-1/2	1	4	083
801-488 ¹	5X3	4	0	080
801-488F	5X3	1	4	083
801-490 ¹	5X4	4	0	080
801-490F	5X4	1	4	083
801-523 ¹	6X1/2	4	0	080
801-524 ¹	6X3/4	6	0	080
801-525	6X1	6	0	080
801-525F ¹	6X1	4	0	083
801-526 ¹	6X1-1/4	4	0	080
801-527 ¹	6X1-1/2	4	0	080
801-527F	6X1-1/2	1	4	083
801-528	6X2	6	0	080
801-529 ¹	6X2-1/2	4	0	080
801-530	6X3	5	0	080
801-530F	6X3	1	3	083
801-532	6X4	5	0	080
801-533F	6X5	1	3	083
801-537F	6X10	1	0	083
801-539F	6X12	1	0	083
801-573 ¹	8X1/2	2	0	080
801-575 ¹	8X1	2	0	080

Made in the U.S.A.

Suitable for Oil-Free air handling to 25 psi, not for distribution of compressed air or gas
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Schedule 80 PVC Product PVC Schedule 80 Fittings

Tees

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

Socket x Socket x Socket

801-578 ¹	8X2	2	0	080
801-578F	8X2	1	2	083
801-579 ¹	8X2-1/2	2	0	080
801-579F	8X2-1/2	1	2	083
801-580 ¹	8X3	2	0	080
801-580F	8X3	1	2	083
801-582	8X4	2	0	080
801-582F	8X4	1	2	083
801-583F	8X5	1	0	083
801-585	8X6	2	0	080
801-591 ¹	8X12	1	0	081
801-621F	10X2	1	2	083
801-622F	10X2-1/2	1	0	083
801-623 ¹	10X3	1	0	081
801-623F	10X3	1	0	083
801-624 ¹	10X4	1	0	081
801-624F	10X4	1	0	083
801-625F	10X5	1	0	083
801-626	10X6	1	0	081
801-626F	10X6	1	0	083
801-628 ¹	10X8	1	0	081
801-628F	10X8	1	0	083
801-632F	10X12	1	0	083
801-661F	12X2	1	0	083
801-662F	12X2-1/2	1	0	083
801-663F	12X3	1	0	083
801-664 ¹	12X4	1	0	081
801-664F	12X4	1	0	083
801-665F	12X5	1	0	083
801-666 ¹	12X6	1	0	081
801-666F	12X6	1	0	083
801-668	12X8	1	0	081
801-668F	12X8	1	0	083
801-670 ¹	12X10	1	0	081
801-670F	12X10	1	0	083
801-678F	12X18	1	0	083
801-691F	14X2	1	0	083
801-692F	14X2-1/2	1	0	083
801-693F	14X3	1	0	083
801-694F	14X4	1	0	083
801-696F	14X6	1	0	083
801-698 ¹	14X8	1	0	082
801-698F	14X8	1	0	083
801-700 ¹	14X10	1	0	082
801-700F	14X10	1	0	083
801-702	14X12	1	0	082
801-702F	14X12	1	0	083
801-706F	14X16	1	0	083
801-751F	16X2	1	0	083
801-752F	16X2-1/2	1	0	083
801-753F	16X3	1	0	083

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

Socket x Socket x Socket

801-620F	10X1-1/2	1	0	083
801-754F	16X4	1	0	083
801-756F	16X6	1	0	083
801-758F	16X8	1	0	083
801-760F	16X10	1	0	083
801-762F	16X12	1	0	083
801-764F	16X14	1	0	083
801-781F	18X2	1	0	083
801-783F	18X3	1	0	083
801-784F	18X4	1	0	083
801-786F	18X6	1	0	083
801-788F	18X8	1	0	083
801-790F	18X10	1	0	083
801-792F	18X12	1	0	083
801-794F	18X14	1	0	083
801-796F	18X16	1	0	083
801-814F	20X4	1	0	083
801-816F	20X6	1	0	083
801-818F	20X8	1	0	083
801-820F	20X10	1	0	083
801-822F	20X12	1	0	083
801-824F	20X14	1	0	083
801-826F	20X16	1	0	083
801-828F	20X18	1	0	083
801-904F	24X4	1	0	083
801-906F	24X6	1	0	083
801-908F	24X8	1	0	083
801-910F	24X10	1	0	083
801-912F	24X12	1	0	083
801-914F	24X14	1	0	083
801-916F	24X16	1	0	083
801-918F	24X18	1	0	083
801-920F	24X20	1	0	083

¹ Sized with Bushing

Tee

Socket x Socket x Fipt

802-002	1/4	25	150	080
802-005	1/2	20	160	080
802-007	3/4	20	160	080
802-010	1	15	0	080
802-012	1-1/4	15	0	080
802-015	1-1/2	10	0	080
802-020	2	10	0	080
802-025	2-1/2	5	0	080
802-030	3	5	0	080
802-040	4	5	0	080
802-060F	6	2	0	083
802-080F	8	1	2	084



Schedule 80 PVC Product
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Tees

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

Socket x Socket x Fipt



802-101	3/4X1/2	15	120	080
802-130	1X1/2	50	0	080
802-131	1X3/4	15	0	080
802-166	1-1/4X1/2	25	0	080
802-167 ¹	1-1/4X3/4	15	0	080
802-168	1-1/4X1	10	0	080
802-209	1-1/2X1/2	25	0	080
802-210 ¹	1-1/2X3/4	20	0	080
802-211	1-1/2X1	10	0	080
802-212	1-1/2X1-1/4	10	0	080
802-247	2X1/2	10	0	080
802-248	2X3/4	10	0	080
802-249	2X1	10	0	080
802-250 ¹	2X1-1/4	10	0	080
802-251 ¹	2X1-1/2	10	0	080
802-287	2-1/2X1/2	10	0	080
802-288 ¹	2-1/2X3/4	10	0	080
802-289 ¹	2-1/2X1	10	0	080
802-290 ¹	2-1/2X1-1/4	10	0	080
802-291 ¹	2-1/2X1-1/2	10	0	080
802-292 ¹	2-1/2X2	10	0	080
802-333 ¹	3X1/2	5	0	080
802-334 ¹	3X3/4	5	0	080
802-335 ¹	3X1	5	0	080
802-336 ¹	3X1-1/4	5	0	080
802-337 ¹	3X1-1/2	5	0	080
802-338 ¹	3X2	5	0	080
802-339 ¹	3X2-1/2	5	0	080
802-415 ¹	4X1/2	5	0	080
802-416 ¹	4X3/4	5	0	080
802-417 ¹	4X1	5	0	080
802-418 ¹	4X1-1/4	5	0	080
802-419 ¹	4X1-1/2	5	0	080
802-420 ¹	4X2	5	0	080
802-421 ¹	4X2-1/2	5	0	080
802-422 ¹	4X3	5	0	080
802-525 ¹	6X1	4	0	080
802-526 ¹	6X1-1/4	4	0	080
802-527 ¹	6X1-1/2	4	0	080
802-528 ¹	6X2	4	0	080
802-528F ²	6X2	1	3	083
802-529 ¹	6X2-1/2	4	0	080
802-530 ¹	6X3	4	0	080
802-532 ¹	6X4	2	0	080
802-532F ²	6X4	1	4	083
802-578 ¹	8X2	2	0	080
802-578F	8X2	1	2	083
802-580 ¹	8X3	2	0	080

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

Socket x Socket x Fipt

802-580F	8X3	1	2	083
802-582 ¹	8X4	2	0	080
802-582F ²	8X4	1	2	083
802-621 ¹	10X2	1	0	081
802-621F	10X2	1	0	083
802-623 ¹	10X3	1	0	080
802-623F	10X3	1	0	083
802-624 ¹	10X4	1	0	081
802-624F ²	10X4	1	0	083
802-661 ¹	12X2	1	0	081
802-661F	12X2	1	0	083
802-663 ¹	12X3	1	0	081
802-663F	12X3	1	0	083
802-664 ¹	12X4	1	0	081
802-664F	12X4	1	0	083

¹ Sized with Bushing

² Fiberglass reinforced

Tee - Special Reinforced

Socket x Socket x SR Fipt - Stainless Steel Collar



802-005SR	1/2	50	0	086
802-007SR	3/4	15	120	086
802-010SR	1	15	0	086
802-012SR	1-1/4	25	0	086
802-015SR	1-1/2	10	0	086
802-020SR	2	10	0	086
802-030SR	3	5	0	086
802-040SR	4	5	0	086

Tee - Special Reinforced Reducing

Socket x Socket x SR Fipt - Stainless Steel Collar



802-072SR	1/2X1/4	25	150	086
802-098SR	3/4X1/4	25	100	086
802-101SR	3/4X1/2	50	0	086
802-128SR ¹	1X1/4	10	80	086
802-130SR	1X1/2	50	0	086
802-131SR	1X3/4	15	0	086
802-164SR ¹	1-1/4X1/4	5	40	086
802-166SR	1-1/4X1/2	25	0	086
802-168SR	1-1/4X1	10	0	086
802-207SR ¹	1-1/2X1/4	10	0	086
802-211SR	1-1/2X1	10	0	086
802-212SR	1-1/2X1-1/4	10	0	086
802-245SR ¹	2X1/4	10	0	086
802-247SR	2X1/2	10	0	086
802-248SR	2X3/4	10	0	086
802-287SR	2-1/2X1/2	10	0	086
802-331SR ¹	3X1/4	5	0	086
802-333SR ¹	3X1/2	5	0	086

Made in the U.S.A.

Suitable for Oil-Free air handling to 25 psi, not for distribution of compressed air or gas
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Schedule 80 PVC Product PVC Schedule 80 Fittings

Tees

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

Socket x Socket x SR Fipt - Stainless Steel Collar

802-413SR ¹	4X1/4	5	0	086
802-415SR ¹	4X1/2	5	0	086

¹ Sized with Bushing

Tee - Brass Transition

Socket x Socket x Fipt With Brass Thread Insert

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

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

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

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

Tee - Reducing

Socket x Fipt x Socket

803-095	3/4X1/2X3/4	50	0	080
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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)

803-095SR	3/4X1/2X3/4	15	0	086
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Tee

Fipt x Fipt x Fipt

805-002	1/4	25	150	080
805-003	3/8	25	150	080
805-005	1/2	20	240	080
805-007	3/4	15	120	080
805-010	1	15	0	080
805-012	1-1/4	10	0	080
805-015	1-1/2	10	0	080
805-020	2	10	0	080
805-025	2-1/2	5	0	080
805-030	3	5	0	080
805-040	4	5	0	080

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Tee (continued)

Fipt x Fipt x Fipt

805-060F	6	1	2	080
805-080F	8	1	0	080

Tee - Special Reinforced

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

805-002SR	1/4	25	150	086
805-003SR	3/8	25	150	086
805-005SR	1/2	25	150	086
805-007SR	3/4	25	100	086
805-010SR	1	15	0	086
805-015SR	1-1/2	10	0	086
805-020SR	2	10	0	086

Tee - Street

Spigot x Socket x Socket

844-005	1/2	25	200	080
844-007	3/4	15	120	080
844-010	1	15	0	080
844-012	1-1/4	10	0	080
844-015	1-1/2	10	0	080
844-020	2	10	0	080

90° Ells

90° Ell

Socket x Socket

806-002	1/4	50	300	080
806-003	3/8	25	150	080
806-005	1/2	20	240	080
806-007	3/4	20	160	080
806-010	1	25	0	080
806-012	1-1/4	10	0	080
806-015	1-1/2	25	0	080
806-020	2	25	0	080
806-025	2-1/2	5	0	080
806-030	3	6	0	080
806-040	4	5	0	080
806-045F	4-1/2	1	2	083
806-050	5	4	0	080
806-050F	5	1	4	083
806-060	6	4	0	080
806-080	8	2	0	080
806-080F	8	1	2	083
806-100	10	1	0	081
806-100F	10	1	0	083
806-120	12	1	0	081
806-120F	12	1	0	083

Schedule 80 PVC Product
PVC Schedule 80 Fittings



90° Ells

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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90° Ell (continued)

Socket x Socket

806-140	14	1	0	082
806-140F	14	1	0	083
806-160F	16	1	0	083
806-180F	18	1	0	083
806-200F	20	1	0	083
806-240F	24	1	0	083
806-338 ¹	3X2	5	0	080
806-422 ¹	4X3	5	0	080

¹ Sized with Bushing



90° Ell Sweep

Socket x Socket

806-005S	1/2	25	150	080
806-007S	3/4	25	100	080
806-010S	1	20	0	080
806-012S	1-1/4	25	0	080
806-015S	1-1/2	20	0	080
806-020S	2	25	0	080



90° Ell - Long Sweep

Socket x Socket

806-005LSF	1/2	25	200	083
806-007LSF	3/4	25	0	083
806-010LSF	1	25	0	083
806-012LSF	1-1/4	25	0	083
806-015LSF	1-1/2	1	25	083
806-020LSF	2	1	10	083
806-025LSF	2-1/2	1	7	083
806-030LSF	3	1	5	083
806-040LSF	4	1	4	083
806-060LSF	6	1	2	083
806-080LSF	8	1	0	083
806-100LSF	10	1	0	083

Not Listed for Electrical Conduit Use



90° Ell

Socket x Fipt

807-002	1/4	25	450	080
807-003	3/8	25	150	080
807-005	1/2	20	240	080
807-007	3/4	20	240	080
807-010	1	20	0	080
807-012	1-1/4	10	40	080
807-015	1-1/2	10	0	080
807-020	2	10	0	080

Made in the U.S.A.

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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90° Ell (continued)

Socket x Fipt

807-030	3	5	0	080
807-040	4	5	0	080
807-060 ¹	6	3	0	080

¹ Thread outlet sized with Female Adapter



90° Ell - Reducing

Socket x Fipt

807-101	3/4X1/2	10	60	080
807-130 ¹	1X1/2	10	80	080
807-131 ¹	1X3/4	10	60	080

¹ Sized with Bushing



90° Ell - Special Reinforced

Socket x SR Fipt - Stainless Steel Collar

807-005SR	1/2	20	240	086
807-007SR	3/4	75	0	086
807-010SR	1	50	0	086
807-012SR	1-1/4	25	0	086
807-015SR	1-1/2	10	0	086
807-020SR	2	10	0	086
807-030SR	3	5	0	086
807-040SR	4	5	0	086



90° Ell - Special Reinforced Reducing

Socket x SR Fipt - Stainless Steel Collar

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



90° Ell - Brass Transition

Socket x Fipt With Brass Thread Insert

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

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



Schedule 80 PVC Product PVC Schedule 80 Fittings

90° Ells

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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90° Ell

Fipt x Fipt

808-002	1/4	25	450	080
808-003	3/8	25	150	080
808-005	1/2	20	120	080
808-007	3/4	20	240	080
808-010	1	15	120	080
808-012	1-1/4	10	40	080
808-015	1-1/2	10	0	080
808-020	2	10	0	080
808-025	2-1/2	5	0	080
808-030	3	5	0	080
808-040	4	5	0	080



90° Ell - Special Reinforced

SR Fipt x SR Fipt - Stainless Steel Collar

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



90° Street Ell

Spigot x Socket

809-005	1/2	50	200	080
809-007	3/4	50	0	080
809-010	1	50	0	080
809-012	1-1/4	25	0	080
809-015	1-1/2	10	0	080
809-020	2	25	0	080
809-025 ¹	2-1/2	5	0	080
809-030	3	5	0	080
809-040	4	4	0	080
809-060 ¹	6	1	0	080
809-080 ¹	8	2	0	080
809-100 ¹	10	1	0	081
809-100F	10	1	0	083
809-120 ¹	12	1	0	081
809-120F	12	1	0	083
809-140 ¹	14	1	0	082
809-140F	14	1	0	083
809-160F	16	1	0	083
809-180F	18	1	0	083
809-200F	20	1	0	083



Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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90° Street Ell (continued)

Spigot x Socket

809-240F	24	1	0	083
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¹ = Assembled with Molded Components



90° Street Ell

Mipt x Fipt

812-002	1/4	50	300	080
812-005	1/2	25	150	080
812-007	3/4	25	150	080
812-010	1	50	0	080
812-012 ¹	1-1/4	10	0	080
812-015 ¹	1-1/2	10	0	080

¹ Sized with Adapter

Non 90° Ells



11-1/4° Ell

Socket x Socket

811-005F	1/2	1	52	083
811-007F	3/4	1	20	083
811-010F	1	1	50	083
811-012F	1-1/4	1	26	083
811-015	1-1/2	25	0	080
811-020	2	10	0	080
811-025F	2-1/2	1	25	083
811-030	3	10	0	080
811-040	4	4	0	080
811-045F	4-1/2	1	18	083
811-050F	5	1	4	083
811-060F	6	1	10	083
811-080F	8	1	4	083
811-100F	10	1	2	083
811-120F	12	1	2	083
811-140F	14	1	0	083
811-160F	16	1	0	083
811-180F	18	1	0	083
811-200F	20	1	0	083
811-240F	24	1	0	083

30° Ell

Socket x Socket

815-005F	1/2	1	25	083
815-007F	3/4	1	25	083
815-010F	1	1	30	083
815-012F	1-1/4	1	15	083
815-015F	1-1/2	1	25	083
815-020F	2	1	25	083
815-025F	2-1/2	1	18	083



Schedule 80 PVC Product
PVC Schedule 80 Fittings



Non 90° Ells

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
30° Ell (continued)				
Socket x Socket				
815-030F	3	1	20	083
815-040F	4	1	6	083
815-045F	4-1/2	1	18	083
815-050F	5	1	4	083
815-060	6	5	0	080
815-080F	8	1	3	083
815-100F	10	1	2	083
815-120F	12	1	2	083
815-140F	14	1	0	083
815-160F	16	1	0	083
815-180F	18	1	0	083
815-200F	20	1	0	083
815-240F	24	1	0	083

22-1/2° Ell

Socket x Socket



816-005	1/2	20	240	080
816-007	3/4	20	240	080
816-010	1	20	160	080
816-010F	1	1	25	083
816-015F	1-1/2	1	25	083
816-012	1-1/4	20	0	080
816-015	1-1/2	20	0	080
816-020	2	20	0	080
816-025	2-1/2	5	0	080
816-025F	2-1/2	1	18	083
816-030	3	5	0	080
816-040	4	4	0	080
816-045F	4-1/2	1	18	083
816-050F	5	1	8	083
816-060	6	4	0	080
816-060F	6	1	8	083
816-080	8	4	0	080
816-080F	8	1	4	083
816-100F	10	1	2	083
816-120F	12	1	2	083
816-140F	14	1	0	083
816-160F	16	1	0	083
816-180F	18	1	0	083
816-200F	20	1	0	083
816-240F	24	1	0	083

45° Ell

Socket x Socket



817-002	1/4	25	450	080
817-003	3/8	50	300	080
817-005	1/2	20	240	080

Part Number

Size

Std Pk Mstr Ctn Prod Code

45° Ell (continued)

Socket x Socket

817-007	3/4	20	240	080
817-010	1	15	120	080
817-012	1-1/4	10	80	080
817-015	1-1/2	10	0	080
817-020	2	10	0	080
817-025	2-1/2	5	0	080
817-030	3	5	0	080
817-040	4	5	0	080
817-045F	4-1/2	1	2	083
817-050	5	4	0	080
817-050F	5	1	4	083
817-060	6	4	0	080
817-080	8	2	0	080
817-100	10	1	0	081
817-100F	10	1	2	083
817-120	12	1	0	081
817-120F	12	1	0	083
817-140	14	1	0	082
817-140F	14	1	0	083
817-160F	16	1	0	083
817-180F	18	1	0	083
817-200F	20	1	0	083
817-240F	24	1	0	083

15° Ell

Socket x Socket



818-005F	1/2	1	25	083
818-007F	3/4	1	23	083
818-010F	1	1	20	083
818-015F	1-1/2	1	25	083
818-020F	2	1	25	083
818-025F	2-1/2	1	18	083
818-030F	3	1	35	083
818-040F	4	1	20	083
818-045F	4-1/2	1	18	083
818-050F	5	1	4	083
818-060F	6	1	8	083
818-080F	8	1	4	083
818-100F	10	1	2	083
818-120F	12	1	2	083
818-140F	14	1	0	083
818-160F	16	1	0	083
818-180F	18	1	0	083
818-200F	20	1	0	083
818-240F	24	1	0	083

45° Ell

Fipt x Fipt



819-002	1/4	25	450	080
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Made in the U.S.A.

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



Schedule 80 PVC Product PVC Schedule 80 Fittings

Non 90° Ells

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
45° Ell (continued)				
Fipt x Fipt				
819-003	3/8	25	150	080
819-005	1/2	25	150	080
819-007	3/4	10	60	080
819-010	1	10	60	080
819-012	1-1/4	10	80	080
819-015	1-1/2	10	0	080
819-020	2	10	0	080
819-025	2-1/2	5	0	080
819-030	3	5	0	080
819-040	4	5	0	080

45° Ell - Special Reinforced

SR Fipt x SR Fipt - Stainless Steel Collar

819-005SR	1/2	25	150	086
819-007SR	3/4	25	300	086
819-010SR	1	10	60	086

60° Ell

Socket x Socket

824-005F	1/2	1	7	083
824-007F	3/4	1	25	083
824-010F	1	1	25	083
824-012F	1-1/4	1	16	083
824-015F	1-1/2	1	16	083
824-020F	2	1	16	083
824-025F	2-1/2	1	10	083
824-030F	3	1	4	083
824-040F	4	1	4	083
824-060F	6	1	2	083
824-080F	8	1	2	083
824-100F	10	1	2	083
824-120F	12	1	0	083
824-140F	14	1	0	083
824-160F	16	1	0	083
824-180F	18	1	0	083
824-200F	20	1	0	083
824-240F	24	1	0	083

45° Street Ell

Spigot x Socket

827-005	1/2	50	400	080
827-007	3/4	50	0	080
827-010	1	50	0	080
827-012	1-1/4	25	0	080
827-015	1-1/2	25	0	080

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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45° Street Ell (continued)

Spigot x Socket

827-020	2	10	0	080
827-025 ¹	2-1/2	12	0	080
827-030	3	10	0	080
827-040	4	5	0	080
827-050F	5	1	2	083
827-060	6	4	0	080
827-080	8	2	0	080
827-100 ¹	10	1	0	081
827-120 ¹	12	1	0	081
827-140F	14	1	0	083
827-160F	16	1	0	083
827-180F	18	1	0	083
827-200F	20	1	0	083
827-240F	24	1	0	083

¹ = Assembled with Molded Components

22-1/2° Street Ell

Spigot x Socket

842-005	1/2	50	400	080
842-007	3/4	50	0	080
842-010	1	50	0	080
842-012	1-1/4	20	0	080
842-015	1-1/2	25	0	080
842-020	2	20	0	080
842-025	2-1/2	5	0	080
842-030	3	5	0	080
842-040	4	4	0	080
842-040F	4	1	5	084
842-060	6	6	0	080
842-060F	6	1	6	083
842-080	8	1	2	080
842-080F	8	1	4	083
842-100F	10	1	0	083
842-120F	12	1	2	084

Crosses

Cross

Socket x Socket x Socket x Socket

820-002	1/4	25	150	080
820-005	1/2	50	0	080
820-007	3/4	50	0	080
820-010	1	50	0	080
820-012	1-1/4	25	0	080
820-015	1-1/2	25	0	080
820-020	2	10	0	080
820-025	2-1/2	10	0	080
820-030	3	5	0	080
820-040	4	3	0	080

Schedule 80 PVC Product
PVC Schedule 80 Fittings



Crosses

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
Cross (continued)				
Socket x Socket x Socket x Socket				
820-060F	6	1	0	083
820-080F	8	1	0	083
820-100F	10	1	0	083
820-120F	12	1	0	083
820-140F	14	1	0	083
820-160F	16	1	0	083
820-180F	18	1	0	083
820-200F	20	1	0	083
820-240F	24	1	0	083

Cross - Reducing

Socket x Socket x Socket x Socket



820-101 ¹	3/4X1/2	50	0	080
820-130 ¹	1X1/2	25	0	080
820-131	1X3/4	20	0	080
820-166 ¹	1-1/4X1/2	25	0	080
820-167	1-1/4X3/4	25	0	080
820-168 ¹	1-1/4X1	25	0	080
820-209 ¹	1-1/2X1/2	20	0	080
820-210	1-1/2X3/4	15	0	080
820-211 ¹	1-1/2X1	25	0	080
820-212 ¹	1-1/2X1-1/4	25	0	080
820-247 ¹	2X1/2	10	0	080
820-248 ¹	2X3/4	10	0	080
820-249 ¹	2X1	10	0	080
820-250 ¹	2X1-1/4	10	0	080
820-251 ¹	2X1-1/2	10	0	080
820-289	2-1/2X1	15	0	080
820-290 ¹	2-1/2X1-1/4	10	0	080
820-291 ¹	2-1/2X1-1/2	10	0	080
820-292 ¹	2-1/2X2	4	0	080
820-335 ¹	3X1	4	0	080
820-336 ¹	3X1-1/4	4	0	080
820-337 ¹	3X1-1/2	4	0	080
820-338 ¹	3X2	4	0	080
820-339 ¹	3X2-1/2	4	0	080
820-420 ¹	4X2	3	0	080
820-420F	4X2	1	4	083
820-422 ¹	4X3	3	0	080
820-527F	6X1-1/2	1	2	083
820-528F	6X2	1	4	083
820-530F	6X3	1	2	083
820-532F	6X4	1	2	083
820-533F	6X5	1	2	083
820-578F	8X2	1	2	083
820-580F	8X3	1	0	083
820-582F	8X4	1	0	083
820-585F	8X6	1	0	083
820-621F	10X2	1	0	083

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Cross - Reducing (continued)

Socket x Socket x Socket x Socket

820-622F	10X2-1/2	1	0	083
820-623F	10X3	1	0	083
820-624F	10X4	1	0	083
820-626F	10X6	1	0	083
820-628F	10X8	1	0	083
820-661F	12X2	1	0	083
820-663F	12X3	1	0	083
820-664F	12X4	1	0	083
820-666F	12X6	1	0	083
820-668F	12X8	1	0	083
820-670F	12X10	1	0	083
820-691F	14X2	1	0	083
820-693F	14X3	1	0	083
820-694F	14X4	1	0	083
820-696F	14X6	1	0	083
820-698F	14X8	1	0	083
820-700F	14X10	1	0	083
820-702F	14X12	1	0	083
820-751F	16X2	1	0	083
820-753F	16X3	1	0	083
820-754F	16X4	1	0	083
820-756F	16X6	1	0	083
820-758F	16X8	1	0	083
820-760F	16X10	1	0	083
820-762F	16X12	1	0	083
820-764F	16X14	1	0	083
820-784F	18X4	1	0	083
820-786F	18X6	1	0	083
820-788F	18X8	1	0	083
820-790F	18X10	1	0	083
820-792F	18X12	1	0	083
820-794F	18X14	1	0	083
820-796F	18X16	1	0	083
820-814F	20X4	1	0	083
820-816F	20X6	1	0	083
820-818F	20X8	1	0	083
820-820F	20X10	1	0	083
820-822F	20X12	1	0	083
820-824F	20X14	1	0	083
820-826F	20X16	1	0	083
820-828F	20X18	1	0	083
820-904F	24X4	1	0	083
820-906F	24X6	1	0	083
820-908F	24X8	1	0	083
820-910F	24X10	1	0	083
820-912F	24X12	1	0	083
820-914F	24X14	1	0	083
820-916F	24X16	1	0	083
820-918F	24X18	1	0	083
820-920F	24X20	1	0	083

¹ Sized with Bushing



Schedule 80 PVC Product PVC Schedule 80 Fittings

Couplings

Part Number	Size	Gasket to Gasket - L1	Std Pk	Mstr Ctn	Prod Code
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Repair Coupling- Fabricated

Gasket x Gasket

828-020F	2	6	1	15	083
828-030F	3	11- 3/4	1	10	083
828-040F	4	15	1	4	083
828-060F	6	18-1/4	1	2	083
828-080F	8	19	1	2	083
828-100F	10	21-1/4	1	0	083
828-120F	12	21-3/8	1	0	083
828-140F	14	21	1	0	083
828-160F	16	22-1/4	1	0	083
828-180F	18	22-5/8	1	0	083
828-200F	20	23-1/2	1	0	083
828-240F	24	23-1/2	1	0	083



Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Coupling (continued)

Socket x Socket

829-050	5	5	0	080
829-050F	5	1	5	083
829-060	6	4	0	080
829-080	8	4	0	080
829-100	10	1	0	081
829-100F	10	1	0	083
829-120	12	1	0	081
829-120F	12	1	0	083
829-140	14	1	0	082
829-140F	14	1	0	083
829-160F	16	1	0	083
829-180F	18	1	0	083
829-200F	20	1	0	083
829-240F	24	1	0	083

Coupling - Reducer



Socket x Socket

829-101	3/4X1/2	50	400	080
829-130	1X1/2	25	200	080
829-131	1X3/4	25	200	080
829-166	1-1/4X1/2	25	0	080
829-167	1-1/4X3/4	25	0	080
829-168	1-1/4X1	25	0	080
829-209	1-1/2X1/2	25	0	080
829-210	1-1/2X3/4	25	0	080
829-211	1-1/2X1	25	0	080
829-212	1-1/2X1-1/4	25	0	080
829-247	2X1/2	25	0	080
829-248	2X3/4	10	80	080
829-249	2X1	25	0	080
829-250	2X1-1/4	10	40	080
829-251	2X1-1/2	10	40	080
829-290 ¹	2-1/2X1-1/4	10	0	080
829-291	2-1/2X1-1/2	10	0	080
829-292	2-1/2X2	10	0	080
829-335 ¹	3X1	8	0	080
829-336 ¹	3X1-1/4	6	0	080
829-337	3X1-1/2	8	0	080
829-338	3X2	10	0	080
829-339	3X2-1/2	10	0	080
829-339F	3X2-1/2	1	9	083
829-416 ¹	4X3/4	6	0	080
829-417 ¹	4X1	6	0	080
829-419 ¹	4X1-1/2	6	0	080
829-420	4X2	6	0	080
829-421	4X2-1/2	4	0	080
829-422	4X3	4	0	080
829-460F	4-1/2X4	1	20	083
829-487F ¹	5X2-1/2	1	6	083
829-488F ¹	5X3	1	6	083
829-490F	5X4	1	8	083

Coupling - No Stop

Socket x Socket - No Pipe Stop

829-007NS	3/4	25	0	080
829-010NS	1	25	0	080
829-012NS	1-1/4	10	0	080
829-015NS	1-1/2	10	0	080
829-020NS	2	20	0	080
829-025NS	2-1/2	10	0	080
829-030NS	3	6	0	080
829-040NS	4	5	0	080
829-050NS	5	5	0	080
829-060NS	6	4	0	080
829-080NS	8	4	0	080
829-100NS	10	1	0	081
829-120NS	12	1	0	081



Coupling

Socket x Socket

829-002	1/4	25	450	080
829-003	3/8	25	150	080
829-005	1/2	25	150	080
829-007	3/4	25	300	080
829-010	1	25	200	080
829-012	1-1/4	10	60	080
829-015	1-1/2	10	80	080
829-020	2	20	0	080
829-025	2-1/2	10	0	080
829-030	3	5	0	080
829-040	4	5	0	080



Schedule 80 PVC Product
PVC Schedule 80 Fittings



Couplings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Coupling - Reducer (continued)

Socket x Socket

829-491F	5X4-1/2	1	10	083
829-528 ¹	6X2	6	0	080
829-529 ¹	6X2-1/2	4	0	080
829-530 ¹	6X3	10	0	080
829-530F ¹	6X3	1	10	083
829-532	6X4	4	0	080
829-534F	6X4-1/2	1	5	083
829-533F	6X5	1	5	083
829-579F ^{1,2}	8X2-1/2	1	6	083
829-580F ^{1,2}	8X3	1	6	083
829-582	8X4	2	0	080
829-582F ²	8X4	1	6	083
829-583F ²	8X5	1	4	083
829-585	8X6	2	0	080
829-621F ^{1,3}	10X2	1	2	083
829-623F ^{1,3}	10X3	1	2	083
829-624F ³	10X4	1	2	083
829-625F ³	10X5	1	4	083
829-626	10X6	1	0	081
829-626F ²	10X6	1	4	083
829-628	10X8	1	0	081
829-628F	10X8	1	4	083
829-663F ^{1,4}	12X3	1	2	083
829-664F ⁴	12X4	1	2	083
829-665F ⁴	12X5	1	2	083
829-666F ³	12X6	1	0	083
829-668	12X8	1	0	081
829-668F ²	12X8	1	0	083
829-670F	12X10	1	0	083
829-691F ^{1,4}	14X2	1	0	083
829-694F ⁴	14X4	1	0	083
829-696F ³	14X6	1	0	083
829-698F ²	14X8	1	0	083
829-700F	14X10	1	0	083
829-702F	14X12	1	0	083
829-754F ⁵	16X4	1	0	083
829-756F ⁴	16X6	1	0	083
829-758F ³	16X8	1	0	083
829-760F ²	16X10	1	0	083
829-762F	16X12	1	0	083
829-764F	16X14	1	0	083
829-783F ^{1,6}	18X3	1	0	083
829-784F ⁶	18X4	1	0	083
829-786F ⁵	18X6	1	0	083
829-788F ⁴	18X8	1	0	083
829-790F ³	18X10	1	0	083
829-792F ²	18X12	1	0	083
829-794F ²	18X14	1	0	083
829-796F	18X16	1	0	083
829-814F ⁷	20X4	1	0	083
829-816F ⁶	20X6	1	0	083

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Coupling - Reducer (continued)

Socket x Socket

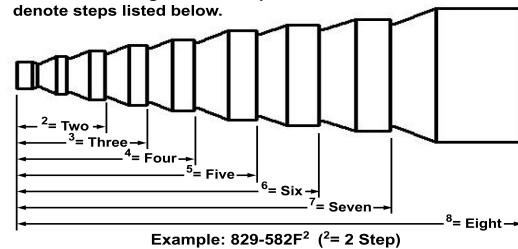
829-818F ⁵	20X8	1	0	083
829-820F ⁴	20X10	1	0	083
829-822F ³	20X12	1	0	083
829-824F ³	20X14	1	0	083
829-826F ²	20X16	1	0	083
829-828F	20X18	1	0	083
829-904F ⁸	24X4	1	0	083
829-906F ⁷	24X6	1	0	083
829-908F ⁶	24X8	1	0	083
829-910F ⁵	24X10	1	0	083
829-912F ⁴	24X12	1	0	083
829-914F ⁴	24X14	1	0	083
829-916F ³	24X16	1	0	083
829-918F ²	24X18	1	0	083
829-920F	24X20	1	0	083

¹ Outlet Sized with Bushing

Concentric Reducer Coupling Footnotes

Multi-Step Configurations

Numbers 2 through 8 after the part number denote steps listed below.



Coupling - Eccentric Reducer

Socket x Socket



829-101FE	3/4X1/2	25	0	083
829-130FE	1X1/2	16	0	083
829-131FE	1X3/4	15	0	083
829-168FE	1-1/4X1	1	12	083
829-209FE ²	1-1/2X1/2	1	25	083
829-210FE ²	1-1/2X3/4	1	25	083
829-211FE	1-1/2X1	1	25	083
829-212FE	1-1/2X1-1/4	1	20	083
829-249FE	2X1	1	25	083
829-250FE	2X1-1/4	1	25	083
829-251FE	2X1-1/2	1	10	083
829-289FE ²	2-1/2X1	1	12	083
829-290FE ²	2-1/2X1-1/4	1	20	083
829-291FE ²	2-1/2X1-1/2	1	20	083
829-292FE	2-1/2X2	1	10	083
829-335FE ²	3X1	1	20	083
829-336FE ²	3X1-1/4	1	10	083
829-337FE ²	3X1-1/2	1	10	083
829-338E	3X2	15	0	080
829-338FE	3X2	1	20	083

Made in the U.S.A.

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



Schedule 80 PVC Product PVC Schedule 80 Fittings

Couplings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Coupling - Eccentric Reducer (continued)

Socket x Socket

829-339FE	3X2-1/2	1	10	083
829-417FE ³	4X1	1	18	083
829-418FE ³	4X1-1/4	1	10	083
829-419FE ³	4X1-1/2	1	12	083
829-420FE ²	4X2	1	10	083
829-421FE ²	4X2-1/2	1	6	083
829-422FE	4X3	1	10	083
829-490FE	5X4	1	8	083
829-528FE ³	6X2	1	6	083
829-529FE ³	6X2-1/2	1	6	083
829-530FE ²	6X3	1	6	083
829-532FE	6X4	1	5	083
829-533FE	6X5	1	5	083
829-575FE ⁵	8X1	1	0	083
829-577FE ⁵	8X1-1/2	1	0	083
829-578FE ⁴	8X2	1	4	083
829-580FE ³	8X3	1	2	083
829-582FE ²	8X4	1	2	083
829-583FE ²	8X5	1	2	083
829-585FE	8X6	1	4	083
829-624FE ³	10X4	1	0	083
829-625FE ³	10X5	1	0	083
829-626FE ²	10X6	1	2	083
829-628FE	10X8	1	2	083
829-664FE ⁴	12X4	1	0	083
829-666FE ³	12X6	1	0	083
829-668FE ²	12X8	1	0	083
829-670FE	12X10	1	2	083
829-696FE ³	14X6	1	0	083
829-698FE ²	14X8	1	0	083
829-700FE	14X10	1	0	083
829-702FE	14X12	1	0	083
829-756FE ⁴	16X6	1	0	083
829-758FE ³	16X8	1	0	083
829-760FE ²	16X10	1	0	083
829-762FE ²	16X12	1	0	083
829-764FE	16X14	1	0	083
829-786FE ⁵	18X6	1	0	083
829-788FE ⁴	18X8	1	0	083
829-790FE ³	18X10	1	0	083
829-792FE ³	18X12	1	0	083
829-794FE ²	18X14	1	0	083
829-796FE	18X16	1	0	083

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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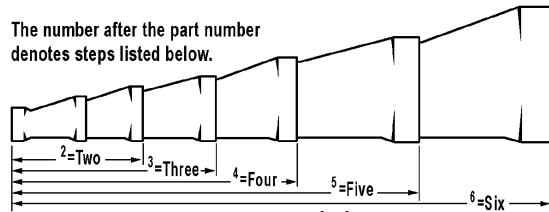
Coupling - Eccentric Reducer (continued)

Socket x Socket

Eccentric Reducer Coupling Footnotes

Multi-Step Configurations

The number after the part number denotes steps listed below.



Example: 829-582 FE² (²= 2 Step)

Coupling

Fipt x Fipt



830-002	1/4	25	450	080
830-003	3/8	25	150	080
830-005	1/2	25	150	080
830-007	3/4	25	300	080
830-010	1	15	90	080
830-012	1-1/4	10	120	080
830-015	1-1/2	10	80	080
830-020	2	10	0	080
830-025	2-1/2	5	0	080
830-030	3	5	0	080
830-040	4	5	0	080
830-060F	6	1	8	083
830-080F	8	1	6	083
830-100F	10	1	2	083

Coupling - Special Reinforced

SR Fipt x SR Fipt - Stainless Steel Collar



830-005SR	1/2	25	150	086
830-007SR	3/4	25	150	086
830-010SR	1	25	200	086
830-012SR	1-1/4	10	120	086
830-015SR	1-1/2	10	80	086
830-020SR	2	10	0	086
830-030SR	3	10	0	086

Coupling - Reducer

Fipt x Fipt



830-072 ¹	1/2X1/4	50	300	080
830-073 ¹	1/2X3/8	25	150	080
830-101	3/4X1/2	50	200	080
830-211 ¹	1-1/2X1	10	40	080

¹ Sized with Bushing

Schedule 80 PVC Product
PVC Schedule 80 Fittings



Couplings

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

SR Fipt x SR Fipt - Stainless Steel Collar



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

Grooved Coupling Adapter

Groove x Socket



833-012	1-1/4	10	60	080
833-015	1-1/2	10	80	080
833-020	2	10	80	080
833-025	2-1/2	5	0	080
833-030	3	5	0	080
833-040	4	5	0	080
833-050F	5	1	7	084
833-060	6	5	0	080
833-080F	8	1	4	084
833-100F	10	1	0	084
833-120F	12	1	0	084

Adapters

Female Adapter

Socket x Fipt



835-002	1/4	25	450	080
835-003	3/8	25	400	080
835-098	3/4X1/4	25	150	080
835-005	1/2	25	150	080
835-007	3/4	25	150	080
835-010	1	15	90	080
835-012	1-1/4	10	120	080
835-015	1-1/2	10	80	080
835-020	2	10	0	080
835-025	2-1/2	5	0	080
835-030	3	5	0	080
835-040	4	5	0	080
835-060	6	6	0	080
835-060F	6	1	8	083
835-080	8	3	0	080

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Female Adapter (continued)

Socket x Fipt

835-080F	8	1	6	083
835-100F	10	1	2	083
835-120F	12	1	0	083

Female Adapter - Brass Transition

Socket x Fipt With Brass Thread Insert



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

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
835-131BR	1X3/4	50	0	086

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

Female Adapter - Special Reinforced

Socket x SR Fipt - Stainless Steel Collar



835-002SR	1/4	25	450	086
835-003SR	3/8	25	300	086
835-005SR	1/2	25	150	086
835-007SR	3/4	25	300	086
835-010SR	1	25	200	086
835-012SR	1-1/4	10	60	086
835-015SR	1-1/2	10	80	086
835-020SR	2	10	0	086
835-025SR	2-1/2	5	0	086
835-030SR	3	15	0	086
835-040SR	4	5	0	086
835-060SR	6	6	0	086

Female Adapter - Special Reinforced Reducing

Socket x SR Fipt - Stainless Steel Collar



835-074SR	1/2X3/4	50	400	086
835-098SR	3/4X1/4	25	150	086
835-101SR	3/4X1/2	50	400	086
835-102SR	3/4X1	50	0	086
835-130SR	1X1/2	50	0	086
835-131SR	1X3/4	25	200	086



Schedule 80 PVC Product PVC Schedule 80 Fittings

Adapters

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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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
835-007SS	3/4	15	90	086
835-010SS	1	15	90	086
835-012SS	1-1/4	25	0	086
835-015SS	1-1/2	10	40	086
835-020SS	2	8	32	086

Female Adapter - Encapsulated Special Reinforced

Socket x ESR Fipt



835-002ESR	1/4	25	450	086
835-003ESR	3/8	25	300	086
835-005ESR	1/2	25	300	086
835-007ESR	3/4	25	300	086
835-010ESR	1	25	200	086
835-012ESR	1-1/4	10	80	086
835-015ESR	1-1/2	10	80	086
835-020ESR	2	10	0	086

Male Adapter

Mipt x Socket



836-053	3/8X1/2	50	900	080
836-005	1/2	25	150	080
836-007	3/4	25	300	080
836-102	3/4X1	50	0	080
836-131	1X3/4	50	400	080
836-010	1	20	120	080
836-012	1-1/4	10	120	080
836-015	1-1/2	10	80	080
836-213 ¹	1-1/2X2	25	0	080
836-251 ¹	2X1-1/2	10	0	080
836-020	2	10	80	080
836-025	2-1/2	10	0	080
836-030	3	5	0	080
836-040	4	4	0	080
836-050F	5	1	8	083
836-060	6	5	0	080
836-080F	8	1	2	083
836-100F	10	1	2	083
836-120F	12	1	0	083

¹ Sized With Bushing or Coupling

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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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
836-007R	3/4	25	300	086
836-010R	1	10	60	086
836-012R	1-1/4	10	120	086
836-015R	1-1/2	10	40	086
836-020R	2	10	0	086

Male Adapter - PVC Lined Brass Transition

Brass Mipt x Socket



NSF® Certified Lead Free

836-005BR	1/2	40	160	086
836-007BR	3/4	40	160	086
836-010BR	1	10	60	086
836-012BR	1-1/4	10	40	086
836-015BR	1-1/2	10	40	086
836-020BR	2	8	32	086

Male Spigot Adapter

Spigot x Mipt



861-005	1/2	50	300	080
861-007	3/4	25	300	080
861-010	1	50	0	080
861-131	1X3/4	50	200	080
861-012	1-1/4	25	0	080
861-015	1-1/2	25	0	080
861-020	2	25	0	080

Female Spigot Adapter - Brass Transition

Spigot x Fipt With Brass Thread Insert



878-005BR	1/2	25	150	086
878-007BR	3/4	15	90	086
878-010BR	1	15	90	086

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

Female Spigot Adapter - Special Reinforced

Spigot x SR Fipt - Stainless Steel Collar



878-005SR	1/2	50	600	086
878-007SR	3/4	25	300	086
878-010SR	1	50	0	086
878-012SR	1-1/4	25	0	086

Schedule 80 PVC Product
PVC Schedule 80 Fittings



Adapters

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

Spigot x SR Fipt - Stainless Steel Collar

878-015SR	1-1/2	25	0	086
878-020SR	2	15	0	086
878-030SR	3	5	0	086
878-040SR	4	5	0	086

Female Spigot Adapter - Special Reinforced Reducing

Spigot x SR Fipt - Stainless Steel Collar

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

Female Spigot Adapter - Encapsulated Special Reinforced, Spigot

Spigot x ESR Fipt

878-005ESR	1/2	50	600	086
878-007ESR	3/4	25	300	086
878-010ESR	1	50	0	086
878-012ESR	1-1/4	25	0	086
878-015ESR	1-1/2	25	0	086
878-020ESR	2	15	0	086

Female Spigot Adapter - Stainless Steel Transition

Spigot x Fipt With 316 Stainless Steel Thread Insert

878-005SS	1/2	25	150	086
878-007SS	3/4	15	90	086
878-010SS	1	15	90	086
878-072SS	1/2X1/4	25	150	086

Reducer Bushing

Reducer Bushing Flush Style

Spigot x Socket

837-052	3/8X1/4	50	450	080
837-072	1/2X1/4	50	300	080
837-073	1/2X3/8	50	600	080
837-101	3/4X1/2	50	600	080
837-129 ¹	1X3/8	50	200	080
837-130	1X1/2	50	300	080
837-131	1X3/4	50	400	080
837-166	1-1/4X1/2	25	150	080
837-167	1-1/4X3/4	25	300	080
837-168	1-1/4X1	25	150	080
837-209	1-1/2X1/2	25	200	080

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Reducer Bushing Flush Style (continued)

Spigot x Socket

837-210	1-1/2X3/4	25	200	080
837-211	1-1/2X1	25	200	080
837-212	1-1/2X1-1/4	25	200	080
837-247	2X1/2	10	120	080
837-248	2X3/4	10	120	080
837-249	2X1	10	120	080
837-250	2X1-1/4	10	120	080
837-251	2X1-1/2	10	120	080
837-287 ¹	2-1/2X1/2	10	40	080
837-288 ¹	2-1/2X3/4	10	40	080
837-289	2-1/2X1	10	40	080
837-290	2-1/2X1-1/4	10	80	080
837-291	2-1/2X1-1/2	10	40	080
837-292	2-1/2X2	15	0	080
837-333	3X1/2	10	0	080
837-334 ¹	3X3/4	10	0	080
837-335	3X1	10	0	080
837-336	3X1-1/4	10	0	080
837-337	3X1-1/2	10	0	080
837-338	3X2	10	0	080
837-339	3X2-1/2	15	0	080
837-415 ¹	4X1/2	6	0	080
837-416 ¹	4X3/4	6	0	080
837-417 ¹	4X1	6	0	080
837-418 ¹	4X1-1/4	6	0	080
837-419	4X1-1/2	6	0	080
837-420	4X2	6	0	080
837-421	4X2-1/2	6	0	080
837-422	4X3	6	0	080
837-486 ¹	5X2	3	0	080
837-488 ¹	5X3	5	0	080
837-490	5X4	4	0	080
837-490F	5X4	1	4	083
837-524 ¹	6X3/4	5	0	080
837-525 ¹	6X1	5	0	080
837-526 ¹	6X1-1/4	5	0	080
837-527 ¹	6X1-1/2	5	0	080
837-528	6X2	5	0	080
837-529	6X2-1/2	5	0	080
837-530	6X3	5	0	080
837-532	6X4	5	0	080
837-533F	6X5	1	5	083
837-534	6X5	5	0	080
837-577 ¹	8X1-1/2	4	0	080
837-578 ¹	8X2	4	0	080
837-580 ¹	8X3	4	0	080
837-582 ¹	8X4	4	0	080
837-583 ¹	8X5	2	0	080
837-583F	8X5	1	6	083
837-585	8X6	4	0	080
837-621 ¹	10X2	2	0	081
837-622 ¹	10X2-1/2	2	0	081
837-623 ¹	10X3	2	0	081
837-624 ¹	10X4	2	0	081

Made in the U.S.A.

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



Schedule 80 PVC Product

PVC Schedule 80 Fittings

Reducer Bushing

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Reducer Bushing Flush Style (continued)

Spigot x Socket

837-625F	10X5	1	4	083
837-626	10X6	3	0	081
837-628	10X8	3	0	081
837-628F	10X8	6	0	083
837-663 ¹	12X3	2	0	081
837-664 ¹	12X4	2	0	081
837-666 ¹	12X6	1	0	081
837-666F ¹	12X6	2	0	083
837-668	12X8	2	0	081
837-668F ¹	12X8	2	0	083
837-670	12X10	2	0	081
837-670F	12X10	3	0	083
837-694F	14X4	1	3	083
837-696F	14X6	1	0	083
837-698F	14X8	1	0	083
837-700F	14X10	3	0	083
837-702F	14X12	3	0	083
837-754F	16X4	1	0	083
837-756F	16X6	1	0	083
837-758F	16X8	1	0	083
837-760F	16X10	1	0	083
837-762F	16X12	1	0	083
837-764F	16X14	2	0	083
837-786F	18X6	1	0	083
837-788F	18X8	1	0	083
837-790F	18X10	1	0	083
837-792F	18X12	1	0	083
837-794F	18X14	1	0	083
837-796F	18X16	1	0	083
837-816F	20X6	1	0	083
837-818F	20X8	1	0	083
837-820F	20X10	1	0	083
837-822F	20X12	1	0	083
837-824F	20X14	1	0	083
837-826F	20X16	1	0	083
837-828F	20X18	1	0	083
837-906F	24X6	1	0	083
837-908F	24X8	1	0	083
837-910F	24X10	1	0	083
837-912F	24X12	1	0	083
837-914F	24X14	1	0	083
837-916F	24X16	1	0	083
837-918F	24X18	1	0	083
837-920F	24X20	1	0	083

¹ Sized with Bushing

Reducer Bushing Flush Style

Spigot x Fipt

838-052	3/8X1/4	50	450	080
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Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Reducer Bushing Flush Style (continued)

Spigot x Fipt

838-071	1/2X1/8	50	600	080
838-072	1/2X1/4	50	350	080
838-073	1/2X3/8	50	500	080
838-098	3/4X1/4	50	300	080
838-099	3/4X3/8	50	600	080
838-101	3/4X1/2	50	300	080
838-127	1X1/8	25	150	080
838-128	1X1/4	50	200	080
838-129	1X3/8	50	400	080
838-130	1X1/2	50	300	080
838-131	1X3/4	50	400	080
838-166	1-1/4X1/2	25	300	080
838-167	1-1/4X3/4	25	300	080
838-168	1-1/4X1	25	300	080
838-206	1-1/2X1/8	25	100	080
838-207	1-1/2X1/4	25	200	080
838-209	1-1/2X1/2	25	200	080
838-210	1-1/2X3/4	25	200	080
838-211	1-1/2X1	25	200	080
838-212	1-1/2X1-1/4	25	200	080
838-247	2X1/2	10	60	080
838-248	2X3/4	10	60	080
838-249	2X1	10	120	080
838-250	2X1-1/4	10	120	080
838-251	2X1-1/2	10	120	080
838-287	2-1/2X1/2	10	0	080
838-288	2-1/2X3/4	10	40	080
838-289	2-1/2X1	10	40	080
838-290	2-1/2X1-1/4	10	40	080
838-291	2-1/2X1-1/2	10	0	080
838-292	2-1/2X2	10	40	080
838-334	3X3/4	10	0	080
838-335	3X1	10	0	080
838-336	3X1-1/4	10	0	080
838-337	3X1-1/2	10	0	080
838-338	3X2	10	0	080
838-339	3X2-1/2	10	0	080
838-419	4X1-1/2	6	0	080
838-420	4X2	6	0	080
838-421	4X2-1/2	6	0	080
838-422	4X3	6	0	080
838-528	6X2	5	0	080
838-530	6X3	5	0	080
838-532	6X4	5	0	080

Special Reinforced Reducer Bushing Flush Style

Spigot x SR Fipt - Stainless Steel Collar

838-128SR	1X1/4	25	150	086
838-207SR	1-1/2X1/4	25	200	086
838-166SR	1-1/4X1/2	25	300	086
838-209SR	1-1/2X1/2	10	60	086



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Reducer Bushing

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
Special Reinforced Reducer Bushing Flush Style (continued) Spigot x SR Fipt - Stainless Steel Collar				
838-210SR	1-1/2X3/4	25	200	086
838-247SR	2X1/2	10	80	086
838-248SR	2X3/4	10	80	086
838-249SR	2X1	10	120	086
838-334SR	3X3/4	10	0	086
838-335SR	3X1	10	0	086
838-336SR	3X1-1/4	10	0	086
838-337SR	3X1-1/2	10	0	086
838-528SR	6X2	5	0	086
838-530SR	6X3	5	0	086
838-532SR	6X4	5	0	086

Reducer Bushing (T.T.) Flush Style

Mipt x Fipt

839-041	1/4X1/8	25	500	080
839-052	3/8X1/4	50	450	080
839-072	1/2X1/4	50	300	080
839-073	1/2X3/8	50	300	080
839-098	3/4X1/4	50	300	080
839-099	3/4X3/8	50	300	080
839-101	3/4X1/2	50	300	080
839-128	1X1/4	25	150	080
839-129	1X3/8	50	600	080
839-130	1X1/2	50	300	080
839-131	1X3/4	50	700	080
839-166	1-1/4X1/2	25	150	080
839-167	1-1/4X3/4	25	150	080
839-168	1-1/4X1	25	300	080
839-209	1-1/2X1/2	25	150	080
839-210	1-1/2X3/4	25	300	080
839-211	1-1/2X1	25	300	080
839-212	1-1/2X1-1/4	25	300	080
839-247	2X1/2	10	60	080
839-248	2X3/4	10	60	080
839-249	2X1	10	60	080
839-250	2X1-1/4	10	60	080
839-251	2X1-1/2	10	60	080
839-292	2-1/2X2	10	80	080
839-337	3X1-1/2	10	0	080
839-338	3X2	10	0	080
839-339	3X2-1/2	10	0	080
839-420	4X2	6	0	080
839-422	4X3	6	0	080
839-532	6X4	5	0	080

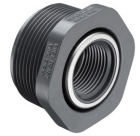


Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Reducer Bushing - Special Reinforced

Mipt x SR Fipt - Stainless Steel Collar

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



Caps

Cap

Socket

847-002	1/4	25	450	080
847-003	3/8	25	450	080
847-005	1/2	50	300	080
847-007	3/4	25	300	080
847-010	1	15	90	080
847-012	1-1/4	10	60	080
847-015	1-1/2	10	120	080
847-020	2	10	80	080
847-025	2-1/2	5	40	080
847-030	3	5	0	080
847-040	4	5	0	080
847-050F	5	1	6	083
847-060	6	4	0	080
847-080	8	3	0	080
847-100F	10	1	5	083
847-120F	12	1	4	083
847-140F	14	1	2	083
847-160F	16	1	2	083
847-180F	18	1	0	083
847-200F	20	1	0	083
847-240F	24	1	0	083



Cap

Fipt

848-002	1/4	25	450	080
848-003	3/8	25	450	080
848-005	1/2	25	150	080
848-007	3/4	25	300	080
848-010	1	15	90	080
848-012	1-1/4	10	60	080
848-015	1-1/2	10	120	080
848-020	2	10	40	080
848-025	2-1/2	5	40	080
848-030	3	5	0	080





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Caps

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Cap (continued)

Fipt

848-040	4	5	0	080
848-060F	6	1	4	083
848-080F	8	1	3	083
848-100F	10	1	2	084
848-120F	12	1	2	083

Cap - Special Reinforced

SR Fipt - Stainless Steel Collar

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



Plugs

Plug

Spigot

849-005	1/2	50	300	080
849-007	3/4	50	300	080
849-010	1	50	200	080
849-012	1-1/4	25	100	080
849-015	1-1/2	10	120	080
849-020	2	10	120	080
849-025F ⁴	2-1/2	4	0	083
849-030F ⁴	3	4	0	083
849-040F ⁴	4	4	0	083
849-060F ⁴	6	1	6	083
849-080F ⁴	8	1	6	083
849-100F ⁴	10	1	2	083
849-120F ⁴	12	1	0	083
849-140F ⁴	14	1	0	083
849-160F ⁴	16	1	0	083
849-180F ⁴	18	1	0	083
849-200F ⁴	20	1	0	084
849-240F ⁴	24	1	0	083

⁴ Plug fabricated using Cap and pipe spigot.



Plug

Mipt

850-002	1/4	50	900	080
850-003	3/8	50	600	080
850-005	1/2	50	500	080
850-007	3/4	50	300	080

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Plug (continued)

Mipt

850-010	1	25	150	080
850-012	1-1/4	10	120	080
850-015	1-1/2	10	120	080
850-020	2	10	120	080
850-025	2-1/2	5	60	080
850-030	3	5	40	080
850-040	4	6	0	080
850-060	6	6	0	080
850-080	8	6	0	080
850-080F ⁴	8	1	2	083
850-100F ⁴	10	1	3	083
850-120F ⁴	12	1	0	083

⁴ Plug fabricated using Cap and threaded pipe.

Wyes

Wye

Socket x Socket x Socket

1/2" - 2" - 235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

2-1/2" - 6" - 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8" - 10" & All Fabricated Sizes - 100 psi Maximum Internal Pressure Rating @ 73°F (23°C)

12" 80 psi Maximum Internal Pressure Rating @ 73°F (23°C)

875-005	1/2	25	100	080
875-007	3/4	25	0	080
875-010	1	20	0	080
875-012	1-1/4	20	0	080
875-015	1-1/2	20	0	080
875-020	2	10	0	080
875-025	2-1/2	6	0	080
875-030	3	5	0	080
875-040	4	4	0	080
875-050F ²	5	1	2	083
875-060	6	2	0	080
875-080	8	1	0	080
875-080F ²	8	1	0	083
875-100F ²	10	1	0	083
875-120F ²	12	1	0	083
875-140F ²	14	1	0	083
875-160F ²	16	1	0	083
875-180F ²	18	1	0	083
875-200F ²	20	1	0	083
875-240F ²	24	1	0	083

¹ Sized with Bushing

² Fiberglass reinforced



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Wyes				
Part Number	Size	Std Pk	Mstr Ctn	Prod Code

Wye - Reducing

Socket x Socket x Socket



1/2" - 2" - 235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

2-1/2" - 6" - 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8" - 10" & All Fabricated Sizes - 100 psi Maximum Internal Pressure Rating @ 73°F (23°C)

12" 80 psi Maximum Internal Pressure Rating @ 73°F (23°C)

875-101 ¹	3/4X1/2	25	0	080
875-130 ¹	1X1/2	20	0	080
875-131 ¹	1X3/4	20	0	080
875-166 ¹	1-1/4X1/2	20	0	080
875-167 ¹	1-1/4X3/4	20	0	080
875-168 ¹	1-1/4X1	20	0	080
875-209 ¹	1-1/2X1/2	20	0	080
875-210 ¹	1-1/2X3/4	20	0	080
875-211 ¹	1-1/2X1	20	0	080
875-212 ¹	1-1/2X1-1/4	20	0	080
875-247 ¹	2X1/2	10	0	080
875-248 ¹	2X3/4	10	0	080
875-249 ¹	2X1	10	0	080
875-250 ¹	2X1-1/4	10	0	080
875-251 ¹	2X1-1/2	10	0	080
875-291 ¹	2-1/2X1-1/2	4	0	080
875-292 ¹	2-1/2X2-1/2X2	5	0	080
875-335 ¹	3X1	5	0	080
875-336 ¹	3X1-1/4	5	0	080
875-337 ¹	3X1-1/2	5	0	080
875-338 ¹	3X2	4	0	080
875-339 ¹	3X2-1/2	5	0	080
875-419 ¹	4X1-1/2	4	0	080
875-420	4X2	4	0	080
875-420F ²	4X2	1	5	083
875-421 ¹	4X2-1/2	4	0	080
875-421F ²	4X2-1/2	1	4	083
875-422	4X3	4	0	080
875-525 ¹	6X1	5	0	080
875-528 ¹	6X2	5	0	080
875-528F ²	6X2	1	3	083
875-530 ¹	6X3	5	0	080
875-530F ²	6X3	1	2	083
875-532	6X4	5	0	080
875-578 ¹	8X2	2	0	080
875-578F ²	8X2	1	2	083
875-579F ²	8X2-1/2	1	2	083
875-580 ¹	8X3	2	0	080
875-580F ²	8X3	1	2	083
875-582	8X4	2	0	080
875-582F ²	8X4	1	2	083
875-585 ¹	8X6	1	0	080

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Wye - Reducing (continued)

Socket x Socket x Socket

875-585F ²	8X6	1	0	083
875-621F ²	10X2	1	0	083
875-622F ²	10X2-1/2	1	0	083
875-623 ¹	10X3	1	0	081
875-623F ²	10X3	1	0	083
875-624F ²	10X4	1	0	083
875-625F ²	10X5	1	0	083
875-626	10X6	1	0	081
875-626F ²	10X6	1	0	083
875-628	10X8	1	0	081
875-628F ²	10X8	1	0	083
875-661F ²	12X2	1	0	083
875-662F ²	12X2-1/2	1	0	083
875-663F ²	12X3	1	0	083
875-664F ²	12X4	1	0	083
875-666F ²	12X6	1	0	083
875-668F ²	12X8	1	0	083
875-670F ²	12X10	1	0	083
875-694F ²	14X4	1	0	083
875-696F ²	14X6	1	0	083
875-698F ²	14X8	1	0	083
875-700F ²	14X10	1	0	083
875-702F ²	14X12	1	0	083
875-754F ²	16X4	1	0	083
875-756F ²	16X6	1	0	083
875-758F ²	16X8	1	0	083
875-760F ²	16X10	1	0	083
875-762F ²	16X12	1	0	083
875-764F ²	16X14	1	0	083
875-784F ²	18X4	1	0	083
875-786F ²	18X6	1	0	083
875-788F ²	18X8	1	0	083
875-790F ²	18X10	1	0	083
875-792F ²	18X12	1	0	083
875-794F ²	18X14	1	0	083
875-796F ²	18X16	1	0	083
875-814F ²	20X4	1	0	083
875-816F ²	20X6	1	0	083
875-818F ²	20X8	1	0	083
875-820F ²	20X10	1	0	083
875-822F ²	20X12	1	0	083
875-824F ²	20X14	1	0	083
875-826F ²	20X16	1	0	083
875-828F ²	20X18	1	0	083
875-904F ²	24X4	1	0	083
875-906F ²	24X6	1	0	083
875-908F ²	24X8	1	0	083
875-910F ²	24X10	1	0	083
875-912F ²	24X12	1	0	083
875-914F ²	24X14	1	0	083
875-916F ²	24X16	1	0	083
875-918F ²	24X18	1	0	083
875-920F ²	24X20	1	0	083

Made in the U.S.A.

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



Schedule 80 PVC Product PVC Schedule 80 Fittings

Wyes

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Wye - Reducing (continued)

Socket x Socket x Socket

¹ Sized with Bushing

² Fiberglass reinforced

Double Wye

Socket x Socket x Socket x Socket

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

876-020F ²	2	1	4	083
876-030F ²	3	1	4	083
876-040F ²	4	1	2	083
876-060F ²	6	1	0	083
876-080F ²	8	1	0	083
876-100F ²	10	1	0	083
876-120F ²	12	1	0	083

For larger sizes please contact your Regional Spears® Distribution Center.

2-Fiberglass Reinforced



Double Wye - Reducing

Socket x Socket x Socket x Socket

Size 3" is 150 psi, all Fabricated Sizes- 100 psi Maximum Internal Pressure Rating @ 73°F (23°C)

876-338	3X2	5	0	080
876-420F ²	4X2	1	2	083
876-421F ²	4X2-1/2	1	2	083
876-422F ²	4X3	1	2	083
876-528F ²	6X2	1	2	083
876-529F ²	6X2-1/2	1	2	083
876-530F ²	6X3	1	2	083
876-532F ²	6X4	1	0	083
876-578F ²	8X2	1	2	083
876-579F ²	8X2-1/2	1	2	083
876-580F ²	8X3	1	0	083
876-582F ²	8X4	1	0	083
876-585F ²	8X6	1	0	083
876-621F ²	10X2	1	0	083
876-622F ²	10X2-1/2	1	0	083
876-623F ²	10X3	1	0	083
876-624F ²	10X4	1	0	083
876-626F ²	10X6	1	0	083
876-628F ²	10X8	1	0	083
876-661F ²	12X2	1	0	083
876-662F ²	12X2-1/2	1	0	083
876-663F ²	12X3	1	0	083
876-664F ²	12X4	1	0	083
876-666F ²	12X6	1	0	083
876-668F ²	12X8	1	0	083
876-670F ²	12X10	1	0	083



Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Double Wye - Reducing (continued)

Socket x Socket x Socket x Socket

² Fiberglass reinforced

For larger sizes please contact your Regional Spears® Distribution Center.

Unions

Union 2000 - Socket/FKM

Socket X Socket with FKM O-ring Seal

1/4" - 4" 235 psi; 6" 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8057-005	1/2	20	120	080
8057-007	3/4	20	80	080
8057-010	1	15	90	080
8057-012	1-1/4	10	0	080
8057-015	1-1/2	10	0	080
8057-020	2	5	0	080
8057-025	2-1/2	5	0	080
8057-030	3	5	0	080
8057-040	4	4	0	080
8057-060	6	1	0	080



Union 2000 - Socket/EPDM

Socket x Socket with EPDM O-ring Seal

1/4" - 4" 235 psi; 6" 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8097-005	1/2	20	120	080
8097-007	3/4	20	80	080
8097-010	1	15	90	080
8097-012	1-1/4	10	0	080
8097-015	1-1/2	10	0	080
8097-020	2	5	0	080
8097-025	2-1/2	5	0	080
8097-030	3	5	0	080
8097-040	4	4	0	080
8097-060	6	1	0	080



Union 2000 - Socket/Fipt/FKM

Socket x Fipt with FKM O-ring Seal

1/4" - 4" 235 psi; 6" 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8059-005	1/2	20	120	080
8059-007	3/4	20	80	080
8059-010	1	15	90	080
8059-012	1-1/4	10	0	080
8059-015	1-1/2	10	0	080
8059-020	2	5	0	080
8059-025	2-1/2	5	0	080



Schedule 80 PVC Product
PVC Schedule 80 Fittings



Unions

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

Socket x Fipt with FKM O-ring Seal

8059-030	3	5	0	080
8059-040	4	4	0	080
8059-060	6	1	0	080

Union 2000 - Socket/Fipt/EPDM

Socket x Fipt with EPDM O-ring Seal

1/4" - 4" 235 psi; 6" 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8099-005	1/2	20	120	080
8099-007	3/4	20	80	080
8099-010	1	15	90	080
8099-012	1-1/4	10	0	080
8099-015	1-1/2	10	0	080
8099-020	2	5	0	080
8099-025	2-1/2	5	0	080
8099-030	3	5	0	080
8099-040	4	4	0	080
8099-060	6	1	0	080

Union 2000 - Socket/Spigot/FKM

Socket x Spigot with FKM O-ring Seal

1/2" - 4" 235 psi; 6" 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8056-005	1/2	20	120	080
8056-007	3/4	20	160	080
8056-010	1	15	90	080
8056-012	1-1/4	10	0	080
8056-015	1-1/2	10	0	080
8056-020	2	5	0	080
8056-025	2-1/2	5	0	080
8056-030	3	5	0	080
8056-040	4	4	0	080
8056-060	6	1	0	080

Union 2000 - Socket/Spigot/EPDM

Socket x Spigot with EPDM O-ring Seal

1/2" - 4" 235 psi; 6" 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8096-005	1/2	20	160	080
8096-007	3/4	20	80	080
8096-010	1	15	90	080
8096-012	1-1/4	10	0	080
8096-015	1-1/2	10	0	080
8096-020	2	5	0	080
8096-025	2-1/2	5	0	080

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Union 2000 - Socket/Spigot/EPDM (continued)

Socket x Spigot with EPDM O-ring Seal

8096-030	3	5	0	080
8096-040	4	4	0	080
8096-060	6	1	0	080

Union 2000 - Fipt/Mipt/FKM

Fipt x Mipt with FKM O-ring Seal

1/2" - 3" 235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8053-005	1/2	20	120	080
8053-007	3/4	20	0	080
8053-010	1	15	90	080
8053-012	1-1/4	10	0	080
8053-015	1-1/2	10	0	080
8053-020	2	5	0	080
8053-030	3	5	0	080

Union 2000 - Fipt/Mipt/EPDM

Fipt x Mipt with EPDM O-ring Seal

1/2" - 3" 235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8093-005	1/2	20	120	080
8093-007	3/4	20	0	080
8093-010	1	15	90	080
8093-012	1-1/4	10	0	080
8093-015	1-1/2	10	0	080
8093-020	2	5	0	080
8093-030	3	5	0	080

Union 2000 - Fipt/Mipt/FKM- Reducing

Fipt x Mipt with FKM O-ring Seal

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

8053-168	1-1/4X1	10	0	080
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Union 2000 - Fipt/Mipt/EPDM- Reducing

Fipt x Mipt with EPDM O-ring Seal

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

8093-168	1-1/4X1	10	0	080
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Union 2000 - Socket/Mipt/FKM

Socket x Mipt with FKM O-ring Seal

1/2" - 3" 235 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8054-005	1/2	20	120	080
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Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Union 2000 - Socket/Mipt/FKM (continued)

Socket x Mipt with FKM O-ring Seal

8054-007	3/4	20	0	080
8054-010	1	15	90	080
8054-012	1-1/4	10	0	080
8054-015	1-1/2	10	0	080
8054-020	2	5	0	080
8054-030	3	5	0	080



Union 2000 - Socket/Mipt/EPDM

Socket x Mipt with EPDM O-ring Seal

1/2" - 3" 235 psi Maximum Internal Pressure Rating
@ 73°F (23°C)

8094-005	1/2	20	120	080
8094-007	3/4	20	80	080
8094-010	1	15	90	080
8094-012	1-1/4	10	0	080
8094-015	1-1/2	10	0	080
8094-020	2	5	0	080
8094-030	3	5	0	080



Union 2000 - Socket/Mipt/FKM-Reducing

Socket x Mipt with FKM O-ring Seal

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

8054-168	1-1/4X1	10	0	080
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Union 2000 - Socket/Mipt/EPDM-Reducing

Socket x Mipt with EPDM O-ring Seal

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

8094-168	1-1/4X1	10	0	080
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Union 2000 - Special Reinforced Fipt/Spigot/FKM

SR Fipt x Spigot with FKM O-ring Seal

1/2" - 4" 235 psi; 6" 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8055-005SR	1/2	20	160	086
8055-007SR	3/4	20	160	086
8055-010SR	1	15	90	086
8055-012SR	1-1/4	10	0	096
8055-015SR	1-1/2	10	0	086
8055-020SR	2	5	0	086
8055-025SR	2-1/2	5	0	086
8055-030SR	3	5	0	086
8055-040SR	4	4	0	086
8055-060SR	6	1	0	086

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

SR Fipt x Spigot with EPDM O-ring Seal

1/2" - 4" 235 psi; 6" 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8095-005SR	1/2	20	120	086
8095-007SR	3/4	20	160	086
8095-010SR	1	15	90	086
8095-012SR	1-1/4	10	0	086
8095-015SR	1-1/2	10	0	086
8095-020SR	2	5	0	086
8095-025SR	2-1/2	5	0	086
8095-030SR	3	5	0	086
8095-040SR	4	5	0	086
8095-060SR	6	1	0	086



Union 2000 - Socket/Special Reinforced Fipt/FKM

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

1/2" - 4" 235 psi; 6" 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8059-005SR	1/2	20	120	086
8059-007SR	3/4	20	80	086
8059-010SR	1	15	90	086
8059-012SR	1-1/4	10	0	086
8059-015SR	1-1/2	10	0	086
8059-020SR	2	5	0	086
8059-025SR	2-1/2	5	0	086
8059-030SR	3	5	0	086
8059-040SR	4	4	0	086
8059-060SR	6	1	0	086



Union 2000 - Socket/Special Reinforced Fipt/EPDM

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

1/2" - 4" 235 psi; 6" 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8099-005SR	1/2	20	120	086
8099-007SR	3/4	20	80	086
8099-010SR	1	15	90	086
8099-012SR	1-1/4	10	0	086
8099-015SR	1-1/2	10	0	086
8099-020SR	2	5	0	086
8099-025SR	2-1/2	5	0	086
8099-030SR	3	5	0	086
8099-040SR	4	4	0	086
8099-060SR	6	1	0	086



Schedule 80 PVC Product
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Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Union 2000 - Fipt/FKM

Fipt x Fipt with FKM O-ring Seal

1/4" - 4" 235 psi; 6" 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8058-005	1/2	20	120	080
8058-007	3/4	20	80	080
8058-010	1	15	90	080
8058-012	1-1/4	10	0	080
8058-015	1-1/2	10	0	080
8058-020	2	5	0	080
8058-025	2-1/2	5	0	080
8058-030	3	5	0	080
8058-040	4	4	0	080
8058-060	6	1	0	080



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

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

1/2" - 4" 235 psi; 6" 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8098-005SR	1/2	20	120	086
8098-007SR	3/4	20	80	086
8098-010SR	1	15	90	086
8098-012SR	1-1/4	10	0	086
8098-015SR	1-1/2	10	0	086
8098-020SR	2	5	0	086
8098-025SR	2-1/2	5	0	086
8098-030SR	3	5	0	086
8098-040SR	4	4	0	086
8098-060SR	6	1	0	086



Union 2000 - Fipt/EPDM

Fipt x Fipt with EPDM O-ring Seal

1/4" - 4" 235 psi; 6" 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8098-005	1/2	20	240	080
8098-007	3/4	20	80	080
8098-010	1	15	90	080
8098-012	1-1/4	10	0	080
8098-015	1-1/2	10	0	080
8098-020	2	5	0	080
8098-025	2-1/2	5	0	080
8098-030	3	5	0	080
8098-040	4	4	0	080
8098-060	6	1	0	080



Union (Old Style) - Socket/FKM

Socket x Socket with FKM O-ring Seal

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

857-002	1/4	25	150	080
857-003	3/8	25	150	080
857-005	1/2	15	90	080
857-007	3/4	10	60	080
857-010	1	10	40	080
857-012	1-1/4	5	20	080
857-015	1-1/2	5	0	080
857-020	2	5	0	080
857-025	2-1/2	5	0	080
857-030	3	5	0	080
857-040	4	4	0	080



Union 2000 - Special Reinforced Fipt/FKM

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

1/2" - 4" 235 psi; 6" 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

8058-005SR	1/2	20	120	086
8058-007SR	3/4	20	80	086
8058-010SR	1	15	90	086
8058-012SR	1-1/4	10	0	086
8058-015SR	1-1/2	10	0	086
8058-020SR	2	5	0	086
8058-025SR	2-1/2	5	0	086
8058-030SR	3	5	0	086
8058-040SR	4	4	0	086
8058-060SR	6	1	0	086



Union (Old Style) - Socket/EPDM

Socket x Socket with EPDM O-ring Seal

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

897-002	1/4	25	150	080
897-003	3/8	25	150	080
897-005	1/2	15	90	080
897-007	3/4	10	60	080
897-010	1	10	40	080
897-012	1-1/4	5	20	080
897-015	1-1/2	5	0	080
897-020	2	5	0	080
897-025	2-1/2	5	0	080
897-030	3	5	0	080
897-040	4	4	0	080





Schedule 80 PVC Product PVC Schedule 80 Fittings

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

Socket x FiPt with FKM O-ring Seal

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

859-002	1/4	25	150	080
859-003	3/8	25	150	080
859-005	1/2	15	90	080
859-007	3/4	10	60	080
859-010	1	10	40	080
859-012	1-1/4	5	20	080
859-015	1-1/2	5	0	080
859-020	2	5	0	080
859-025	2-1/2	5	0	080
859-030	3	5	0	080
859-040	4	4	0	080



Union (Old Style) - Socket/Fipt/EPDM

Socket x FiPt with EPDM O-ring Seal

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

899-002	1/4	25	150	080
899-003	3/8	25	150	080
899-005	1/2	15	90	080
899-007	3/4	10	60	080
899-010	1	10	40	080
899-012	1-1/4	5	20	080
899-015	1-1/2	5	0	080
899-020	2	5	0	080
899-025	2-1/2	5	0	080
899-030	3	5	0	080
899-040	4	4	0	080



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)

859-002SR	1/4	25	150	086
859-003SR	3/8	25	100	086
859-005SR	1/2	10	60	086
859-007SR	3/4	10	60	086
859-010SR	1	10	40	086
859-012SR	1-1/4	5	20	086
859-015SR	1-1/2	5	0	086
859-020SR	2	5	0	086
859-030SR	3	5	0	086
859-040SR	4	4	0	086



Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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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
899-003SR	3/8	25	100	086
899-005SR	1/2	10	60	086
899-007SR	3/4	10	40	086
899-010SR	1	10	40	086
899-012SR	1-1/4	5	20	086
899-015SR	1-1/2	5	0	086
899-020SR	2	5	0	086
899-030SR	3	5	0	086
899-040SR	4	4	0	086



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)

859-005BR	1/2	10	60	086
859-007BR	3/4	10	40	086
859-010BR	1	10	0	086
859-012BR	1-1/4	5	20	086
859-015BR	1-1/2	5	0	086
859-020BR	2	5	0	086



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)

899-005BR	1/2	10	60	086
899-007BR	3/4	10	60	086
899-010BR	1	10	0	086
899-012BR	1-1/4	5	20	086
899-015BR	1-1/2	5	0	086
899-020BR	2	5	0	086



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

Union (Old Style) - FiPt/FKM

FiPt x FiPt with FKM O-ring Seal

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

858-002	1/4	25	150	080
858-003	3/8	25	150	080
858-005	1/2	15	90	080
858-007	3/4	10	60	080
858-010	1	10	40	080
858-012	1-1/4	5	20	080



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Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Union (Old Style) - Fipt/FKM (continued)

Fipt x Fipt with FKM O-ring Seal

858-015	1-1/2	5	0	080
858-020	2	5	0	080
858-025	2-1/2	5	0	080
858-030	3	5	0	080
858-040	4	4	0	080

Union (Old Style) - Fipt/EPDM

Fipt x Fipt with EPDM O-ring Seal

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

898-002	1/4	25	150	080
898-003	3/8	25	150	080
898-005	1/2	15	90	080
898-007	3/4	10	60	080
898-010	1	10	40	080
898-012	1-1/4	5	20	080
898-015	1-1/2	5	0	080
898-020	2	5	0	080
898-025	2-1/2	5	0	080
898-030	3	5	0	080
898-040	4	4	0	080

Union -Transition JIS to ASTM/FKM

JIS (mm) Socket x ASTM (in.) Fipt with FKM O-ring Seal

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

8258-016	16 DN X 1/2	20	160	197
8258-020	20 DN X 3/4	20	80	197
8258-025	25 DN X 1	15	90	197
8258-030	30 DN X 1-1/4	10	0	197
8258-040	40 DN X 1-1/2	10	0	197
8258-075	75 DN X 3	5	0	197
8258-100	100 DN X 4	4	0	197

Union -Transition JIS to ASTM/EPDM

JIS (mm) Socket x ASTM (in.) Fipt with EPDM O-ring Seal

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

8298-016	16 DN X 1/2	20	160	197
8298-020	20 DN X 3/4	20	80	197
8298-025	25 DN X 1	15	90	197
8298-030	30 DN X 1-1/4	10	0	197
8298-040	40 DN X 1-1/2	10	0	197
8298-050	50 DN X 2	5	0	197
8298-075	75 DN X 3	5	0	197
8298-100	100 DN X 4	4	0	197

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Union - Transition BSP to ASTM/FKM

BSP Thread (in.) x ASTM (in.) Socket with FKM O-ring Seal

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

8359-005	1/2	20	160	197
8359-007	3/4	20	80	197
8359-010	1	15	90	197
8359-012	1-1/4	10	0	197
8359-015	1-1/2	10	0	197
8359-020	2	5	0	197
8359-030	3	5	0	197
8359-040	4	4	0	197

Union - Transition BSP to ASTM/EPDM

BSP Thread (in.) x ASTM (in.) Socket with EPDM O-ring Seal

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

8399-005	1/2	10	60	197
8399-007	3/4	20	80	197
8399-010	1	15	90	197
8399-012	1-1/4	10	0	197
8399-015	1-1/2	10	0	197
8399-020	2	5	0	197
8399-030	3	5	0	197
8399-040	4	4	0	197

Union - Transition DIN to ASTM/FKM

DIN (mm) Socket x ASTM (in.) Socket with FKM O-ring Seal

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

8657-020	20 d X 1/2	10	60	197
8657-025	25 d X 3/4	10	60	197
8657-032	32 d X 1	10	40	197
8657-040	40 d X 1-1/4	10	0	197
8657-050	50 d X 1-1/2	10	0	197
8657-063	63 d X 2	5	0	197
8657-090	90 d X 3	5	0	197
8657-110	110 d X 4	4	0	197

Union - Transition DIN to ASTM/EPDM

DIN (mm) Socket x ASTM (in.) Socket with EPDM O-ring Seal

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

8697-020	20 d X 1/2	20	240	197
8697-025	25 d X 3/4	10	60	197
8697-032	32d X 1	15	90	197
8697-040	40 d X 1-1/4	10	0	197
8697-050	50 d X 1-1/2	10	0	197
8697-063	63 d X 2	5	0	197
8697-090	90 d X 3	5	0	197

Made in the U.S.A.

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



Schedule 80 PVC Product
PVC Schedule 80 Fittings & Tank Adapters

Unions

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Union - Transition DIN to ASTM/EPDM (continued)

DIN (mm) Socket x ASTM (in.) Socket with EPDM O-ring Seal

8697-110	110 d X 4	4	0	197
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Union - Transition DIN to ASTM/FKM

DIN (mm) Socket x ASTM (in.) Fipt with FKM O-ring Seal



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

8658-020	20 d X 1/2	10	60	197
8658-025	25 d X 3/4	20	80	197
8658-032	32 d X 1	15	90	197
8658-040	40 d X 1-1/4	10	0	197
8658-050	50 d X 1-1/2	10	0	197
8658-063	63 d X 2	5	0	197
8658-090	90 d X 3	5	0	197
8658-110	110 d X 4	4	0	197

Union - Transition DIN to ASTM/EPDM

DIN (mm) Socket x ASTM (in.) Fipt with EPDM O-ring Seal



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

8698-020	20 d X 1/2	20	160	197
8698-025	25 d X 3/4	20	80	197
8698-032	32 d X 1	15	90	197
8698-040	40 d X 1-1/4	10	0	197
8698-050	50 d X 1-1/2	10	0	197
8698-063	63 d X 2	5	0	197
8698-090	90 d X 3	5	0	197
8698-110	110 d X 4	4	0	197

Union -Transition JIS to ASTM/FKM

JIS (mm) Socket x ASTM (in.) Socket with FKM O-ring Seal



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

8257-016	16 DN X 1/2	20	160	197
8257-020	20 DN X 3/4	10	60	197
8257-025	25 DN X 1	15	90	197
8257-030	30 DN X 1-1/4	10	0	197
8257-040	40 DN X 1-1/2	10	0	197
8257-050	50 DN X 2	5	0	197
8257-075	75 DN X 3	5	0	197
8257-100	100 DN X 4	4	0	197

Union -Transition JIS to ASTM/EPDM

JIS (mm) Socket x ASTM (in.) Socket with EPDM O-ring Seal



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

8297-016	16 DN X 1/2	20	160	197
8297-020	20 DN X 3/4	20	80	197

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Union -Transition JIS to ASTM/EPDM (continued)

JIS (mm) Socket x ASTM (in.) Socket with EPDM O-ring Seal

8297-025	25 DN X 1	15	90	197
8297-030	30 DN X 1-1/4	10	0	197
8297-040	40 DN X 1-1/2	10	0	197
8297-050	50 DN X 2	5	0	197
8297-075	75 DN X 3	5	0	197
8297-100	100 DN X 4	4	0	197

Union - Transition BSP to ASTM/FKM

BSP Thread (in.) x ASTM (in.) Fipt with FKM O-ring Seal



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

8358-005	1/2	20	160	197
8358-007	3/4	20	80	197
8358-010	1	15	90	197
8358-012	1-1/4	10	0	197
8358-015	1-1/2	10	0	197
8358-020	2	5	0	197
8358-030	3	5	0	197
8358-040	4	4	0	197

Union - Transition BSP to ASTM/EPDM

BSP Thread (in.) x ASTM (in.) Fipt with EPDM O-ring Seal



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

8398-005	1/2	10	60	197
8398-007	3/4	10	60	197
8398-010	1	10	40	197
8398-012	1-1/4	5	20	197
8398-015	1-1/2	5	0	197
8398-020	2	5	0	197
8398-030	3	5	0	197
8398-040	4	4	0	197

Tank Adapters

Tank Adapters, PVC New Style Standard with Neoprene Gaskets

Socket x Socket



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

8170-002	1/4	25	150	100
8170-003	3/8	25	150	100
8170-005	1/2	25	0	100
8170-007	3/4	25	0	100
8170-010	1	25	0	100
8170-012	1-1/4	20	0	100
8170-015	1-1/2	20	0	100
8170-020	2	15	0	100
8170-025	2-1/2	4	0	100
8170-030	3	4	0	100
8170-040	4	2	0	100

Tank Adapters



Tank Adapters

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Tank Adapters, PVC New Style Standard with Neoprene Gaskets

(continued)

Socket x Socket

8170-060	6	1	0	100
8170-080	8	1	0	100

Tank Adapters, PVC New Style Standard with EPDM Gaskets

Socket x Socket

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

8170E-002	1/4	25	150	100
8170E-003	3/8	25	150	100
8170E-005	1/2	25	0	100
8170E-007	3/4	25	0	100
8170E-010	1	25	0	100
8170E-012	1-1/4	20	0	100
8170E-015	1-1/2	20	0	100
8170E-020	2	15	0	100
8170E-025	2-1/2	4	0	100
8170E-030	3	4	0	100
8170E-040	4	2	0	100
8170E-060	6	1	0	100
8170E-080	8	1	0	100



Tank Adapters, PVC New Style Standard with FKM Gaskets

Socket x Socket

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

8170V-002	1/4	25	150	100
8170V-003	3/8	25	150	100
8170V-005	1/2	25	0	100
8170V-007	3/4	25	0	100
8170V-010	1	25	0	100
8170V-012	1-1/4	20	0	100
8170V-015	1-1/2	20	0	100
8170V-020	2	15	0	100
8170V-025	2-1/2	4	0	100
8170V-030	3	4	0	100
8170V-040	4	2	0	100
8170V-060	6	1	0	100
8170V-080	8	1	0	100



Tank Adapters, PVC New Style Standard with Neoprene Gaskets

Socket x Fipt

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

8171-002	1/4	25	150	100
8171-003	3/8	25	200	100
8171-005	1/2	25	0	100
8171-007	3/4	25	0	100



Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Tank Adapters, PVC New Style Standard with Neoprene Gaskets

(continued)

Socket x Fipt

8171-010	1	25	0	100
8171-012	1-1/4	20	0	100
8171-015	1-1/2	20	0	100
8171-020	2	15	0	100
8171-025	2-1/2	4	0	100
8171-030	3	4	0	100
8171-040	4	2	0	100
8171-060	6	1	0	100

Tank Adapters, PVC New Style Standard with EPDM Gaskets

Socket x Fipt

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

8171E-002	1/4	25	150	100
8171E-003	3/8	25	200	100
8171E-005	1/2	25	0	100
8171E-007	3/4	25	0	100
8171E-010	1	25	0	100
8171E-012	1-1/4	20	0	100
8171E-015	1-1/2	20	0	100
8171E-020	2	15	0	100
8171E-025	2-1/2	4	0	100
8171E-030	3	4	0	100
8171E-040	4	2	0	100
8171E-060	6	1	0	100



Tank Adapters, PVC New Style Standard with FKM Gaskets

Socket x Fipt

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

8171V-002	1/4	25	150	100
8171V-003	3/8	25	200	100
8171V-005	1/2	25	0	100
8171V-007	3/4	25	0	100
8171V-010	1	25	0	100
8171V-012	1-1/4	20	0	100
8171V-015	1-1/2	20	0	100
8171V-020	2	15	0	100
8171V-025	2-1/2	4	0	100
8171V-030	3	4	0	100
8171V-040	4	2	0	100
8171V-060	6	1	0	100



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
8171-003SR	3/8	25	200	100



**Tank Adapters****Tank Adapters**

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

Threaded with Neoprene Gaskets (continued)

Socket x SR Fipt - Stainless Steel Collar

8171-005SR	1/2	25	0	100
8171-007SR	3/4	25	0	100
8171-010SR	1	25	0	100
8171-012SR	1-1/4	20	0	100
8171-015SR	1-1/2	20	0	100
8171-020SR	2	15	0	100
8171-025SR	2-1/2	4	0	100
8171-030SR	3	4	0	100
8171-040SR	4	2	0	100
8171-060SR	6	1	0	100

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
8171E-003SR	3/8	25	200	100
8171E-005SR	1/2	25	0	100
8171E-007SR	3/4	25	0	100
8171E-010SR	1	25	0	100
8171E-012SR	1-1/4	20	0	100
8171E-015SR	1-1/2	20	0	100
8171E-020SR	2	15	0	100
8171E-025SR	2-1/2	4	0	100
8171E-030SR	3	4	0	100
8171E-040SR	4	2	0	100
8171E-060SR	6	1	0	100

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
8171V-003SR	3/8	25	200	100
8171V-005SR	1/2	25	0	100
8171V-007SR	3/4	25	0	100
8171V-010SR	1	25	0	100
8171V-012SR	1-1/4	20	0	100
8171V-015SR	1-1/2	20	0	100
8171V-020SR	2	15	0	100
8171V-025SR	2-1/2	4	0	100
8171V-030SR	3	4	0	100
8171V-040SR	4	2	0	100
8171V-060SR	6	1	0	100

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Tank Adapters, PVC New Style Standard with Neoprene Gaskets**Fipt x Fipt**

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

8172-002	1/4	25	150	100
8172-003	3/8	25	200	100
8172-005	1/2	25	0	100
8172-007	3/4	25	0	100
8172-010	1	25	0	100
8172-012	1-1/4	20	0	100
8172-015	1-1/2	20	0	100
8172-020	2	15	0	100
8172-025	2-1/2	4	0	100
8172-030	3	4	0	100
8172-040	4	2	0	100
8172-060	6	1	0	100

Tank Adapters, PVC New Style Standard with EPDM Gaskets**Fipt x Fipt**

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

8172E-002	1/4	25	150	100
8172E-003	3/8	25	200	100
8172E-005	1/2	25	0	100
8172E-007	3/4	25	0	100
8172E-010	1	25	0	100
8172E-012	1-1/4	20	0	100
8172E-015	1-1/2	20	0	100
8172E-020	2	15	0	100
8172E-025	2-1/2	4	0	100
8172E-030	3	4	0	100
8172E-040	4	2	0	100
8172E-060	6	1	0	100

Tank Adapters, PVC New Style Standard with FKM Gaskets**Fipt x Fipt**

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

8172V-002	1/4	25	150	100
8172V-003	3/8	25	200	100
8172V-005	1/2	25	0	100
8172V-007	3/4	25	0	100
8172V-010	1	25	0	100
8172V-012	1-1/4	20	0	100
8172V-015	1-1/2	20	0	100
8172V-020	2	15	0	100
8172V-025	2-1/2	4	0	100
8172V-030	3	4	0	100
8172V-040	4	2	0	100
8172V-060	6	1	0	100

Tank Adapters



Tank Adapters

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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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
8172-003SR	3/8	25	200	100
8172-005SR	1/2	25	0	100
8172-007SR	3/4	25	0	100
8172-010SR	1	25	0	100
8172-012SR	1-1/4	20	0	100
8172-015SR	1-1/2	20	0	100
8172-020SR	2	15	0	100
8172-025SR	2-1/2	4	0	100
8172-030SR	3	4	0	100
8172-040SR	4	2	0	100
8172-060SR	6	1	0	100



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
8172E-003SR	3/8	25	200	100
8172E-005SR	1/2	25	0	100
8172E-007SR	3/4	25	0	100
8172E-010SR	1	25	0	100
8172E-012SR	1-1/4	20	0	100
8172E-015SR	1-1/2	20	0	100
8172E-020SR	2	15	0	100
8172E-025SR	2-1/2	4	0	100
8172E-030SR	3	4	0	100
8172E-040SR	4	2	0	100
8172E-060SR	6	1	0	100



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
8172V-003SR	3/8	25	200	100
8172V-005SR	1/2	25	0	100
8172V-007SR	3/4	25	0	100
8172V-010SR	1	25	0	100
8172V-012SR	1-1/4	20	0	100
8172V-015SR	1-1/2	20	0	100
8172V-020SR	2	15	0	100
8172V-025SR	2-1/2	4	0	100
8172V-030SR	3	4	0	100
8172V-040SR	4	2	0	100



Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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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-060SR	6	2	0	100
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Tank Adapter, PVC Self Aligning with Neoprene Gasket

Fipt

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

8172SA-010	1	5	0	100
8172SA-020	2	4	0	100
8172SA-030	3	2	0	100

Tank adapter body is larger than size listed. Refer to installation instructions for minimum hole size.



Tank Adapter, PVC Self Aligning with EPDM Gasket

Fipt

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

8172ESA-010	1	5	0	100
8172ESA-020	2	4	0	100
8172ESA-030	3	2	0	100

Tank adapter body is larger than size listed. Refer to installation instructions for minimum hole size.



Tank Adapter, PVC Self Aligning with FKM Gasket

Fipt

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

8172VSA-010	1	5	0	100
8172VSA-020	2	4	0	100
8172VSA-030	3	2	0	100

Tank adapter body is larger than size listed. Refer to installation instructions for minimum hole size.



Tank Adapter, Spigot PVC with EPDM Gasket

Spigot

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

8173E-005	1/2	25	150	100
8173E-007	3/4	25	100	100
8173E-010	1	25	0	100
8173E-015	1-1/2	20	0	100
8173E-020	2	12	0	100

Install with threaded end, gasket and one nut inside tank. Use thread sealant on internal nut.





Schedule 80 PVC Product

Tank Adapters

Tank Adapters

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Tank Adapter, PVC Old Style with Neoprene Gasket

Socket x Fipt



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

871-005	1/2	25	0	100
871-007	3/4	25	0	100
871-010	1	25	0	100
871-012	1-1/4	20	0	100
871-015	1-1/2	20	0	100
871-020	2	15	0	100
871-030	3	4	0	100
871-040	4	2	0	100

Tank Adapter, PVC Old Style with EPDM Gasket

Socket x Fipt



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

871E-005	1/2	25	0	100
871E-007	3/4	25	0	100
871E-010	1	25	0	100
871E-012	1-1/4	20	0	100
871E-015	1-1/2	20	0	100
871E-020	2	15	0	100
871E-030	3	4	0	100
871E-040	4	2	0	100

Tank Adapter, PVC Old Style with Neoprene Gasket

Fipt x Fipt



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

872-005	1/2	25	0	100
872-007	3/4	25	0	100
872-010	1	25	0	100
872-012	1-1/4	20	0	100
872-015	1-1/2	20	0	100
872-020	2	15	0	100
872-030	3	4	0	100
872-040	4	2	0	100

Tank Adapter, PVC Old Style with EPDM Gasket

Fipt x Fipt



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

872E-005	1/2	25	0	100
872E-007	3/4	25	0	100
872E-010	1	25	0	100
872E-012	1-1/4	20	0	100
872E-015	1-1/2	20	0	100

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Tank Adapter, PVC Old Style with EPDM Gasket (continued)

Fipt x Fipt

872E-020	2	15	0	100
872E-030	3	4	0	100
872E-040	4	2	0	100

Tank Adapter Gasket Only - Neoprene (Old Style)

2N-005	1/2	10	0	299
2N-007	3/4	10	0	299
2N-010	1	10	0	299
2N-015	1-1/4 OR 1-1/2	10	0	299
2N-020	2	10	0	299
2N-030	3	10	0	299
2N-040	4	10	0	299

Tank Adapter Gasket Only - EPDM (Old Style)

2E-005	1/2	10	0	299
2E-007	3/4	10	0	299
2E-010	1	10	0	299
2E-015	1-1/4 OR 1-1/2	10	0	299
2E-020	2	10	0	299
2E-030	3	10	0	299
2E-040	4	10	0	299

Tank Adapter Gasket Only - Neoprene (New Style)

3N-002	1/4	100	0	299
3N-003	3/8	50	0	299
3N-005	1/2	10	0	299
3N-007	3/4	10	0	299
3N-010	1	10	0	299
3N-012	1-1/4	10	0	299
3N-015	1-1/2	10	0	299
3N-020	2	10	0	299
3N-025	2-1/2	10	0	299
3N-030	3	10	0	299
3N-040	4	50	0	299
2N-060	6	10	0	299
3N-080	8	10	0	299

Tank Adapter Gasket Only - EPDM (New Style)

3E-002	1/4	10	0	299
3E-003	3/8	10	0	299
3E-005	1/2	10	0	299

Schedule 80 PVC Product
Tank Adapters & Pipe Flanges



Tank Adapters

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
Tank Adapter Gasket Only - EPDM (New Style) (continued)				
3E-007	3/4	10	0	299
3E-010	1	10	0	299
3E-012	1-1/4	10	0	299
3E-015	1-1/2	10	0	299
3E-020	2	10	0	299
3E-025	2-1/2	10	0	299
3E-030	3	10	0	299
3E-040	4	10	0	299
2E-060	6	10	0	299
3E-080	8	10	0	299



Tank Adapter Gasket Only - FKM (New Style)

3V-002	1/4	10	0	299
3V-003	3/8	10	0	299
3V-005	1/2	10	0	299
3V-007	3/4	10	0	299
3V-010	1	10	0	299
3V-012	1-1/4	10	0	299
3V-015	1-1/2	10	0	299
3V-020	2	10	0	299
3V-025	2-1/2	10	0	299
3V-030	3	10	0	299
3V-040	4	10	0	299
2V-060	6	10	0	299
3V-080	8	10	0	299



Tank Adapter Wrench Sets (New Style)

Body Wrench & Nut Wrench

TAW-002	1/4	1	25	299
TAW-003	3/8	1	25	299
TAW-005	1/2	1	25	299
TAW-007	3/4	1	25	299
TAW-010	1	1	25	299
TAW-012	1-1/4	1	20	299
TAW-015	1-1/2	1	20	299
TAW-020	2	1	10	299
TAW-025	2-1/2	1	10	299
TAW-030	3	1	10	299
TAW-040	4	1	10	299



Tank Adapter Individual Body Wrench (New Style)

TAW1-002	1/4	500	0	299
TAW1-003	3/8	400	0	299

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
Tank Adapter Individual Body Wrench (New Style) (continued)				
TAW1-005	1/2	250	0	299
TAW1-007	3/4	220	0	299
TAW1-010	1	200	0	299
TAW1-012	1-1/4	300	0	299
TAW1-015	1-1/2	150	0	299
TAW1-020	2	100	0	299
TAW1-025	2-1/2	80	0	299
TAW1-030	3	74	0	299
TAW1-040	4	35	0	299



Tank Adapter Individual Nut Wrench (New Style)

TAW2-002	1/4	300	0	299
TAW2-003	3/8	250	0	299
TAW2-005	1/2	200	0	299
TAW2-007	3/4	160	0	299
TAW2-010	1	110	0	299
TAW2-012	1-1/4	200	0	299
TAW2-015	1-1/2	120	0	299
TAW2-020	2	100	0	299
TAW2-025	2-1/2	50	0	299
TAW2-030	3	40	0	299
TAW2-040	4	35	0	299

Pipe Flanges

Flange Van Stone Style -PIP

Flange x PIP Socket



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

354-060	6X6.140	5	0	080
354-060F	6X6.140	1	4	320
354-080	8X8.160	2	0	080
354-080F	8X8.160	1	2	320
354-100	10X10.200	2	0	081
354-100F	10X10.200	1	2	320
354-120	12X12.240	2	0	081
354-120F	12X12.240	1	2	320
354-150F	14X15.300	1	0	320
354-151F	16X15.300	1	0	320
354-181F	18X18.701	1	0	320
354-182F	18X18.360	1	0	320
354-200F	20X20.400	1	0	320
354-201F	20X22.047	1	0	320
354-241F	24X24.803	1	0	320



Schedule 80 PVC Product

Pipe Flanges

Pipe Flanges

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Flange Van Stone Style -PIP (continued)

Flange x PIP Socket

For more information, refer to 80, 100 & 125 psi PIP Fabrication Fittings.

PIP = Plastic Irrigation Pipe (dimensions are NOT the same as IPS dimensions)

Sizes 6" - 16" are furnished with Glass Filled PVC ring.
Sizes 18" - 24" are furnished with steel ring.

Flange One Piece

Socket

1/2" - 16" 150 psi Maximum Internal Pressure Rating @73°F (23°C)

18" - 24" 50 psi Maximum Internal Pressure Rating @73°F (23°C)

851-005	1/2	25	0	080
851-007	3/4	25	0	080
851-010	1	15	0	080
851-012	1-1/4	15	0	080
851-015	1-1/2	20	0	080
851-020	2	10	0	080
851-025	2-1/2	10	0	080
851-030	3	10	0	080
851-040	4	5	0	080
851-050	5	5	0	080
851-060	6	5	0	080
851-080	8	2	0	080
851-100	10	2	0	081
851-120	12	2	0	081
851-140F	14	1	0	083
851-160F	16	1	0	083
851-180F	18	1	0	083
851-200F	20	1	0	083
851-240F	24	1	0	083

Flange One Piece

Fipt

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

852-005	1/2	25	0	080
852-007	3/4	25	0	080
852-010	1	15	0	080
852-012	1-1/4	15	0	080
852-015	1-1/2	20	0	080
852-020	2	10	0	080
852-025	2-1/2	10	0	080
852-030	3	10	0	080
852-040	4	5	0	080
852-060F	6	1	8	083
852-080F	8	1	2	083

Part Number

Size

Std Pk

Mstr Ctn

Prod Code

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
852-007SR	3/4	25	0	086
852-010SR	1	15	0	086
852-012SR	1-1/4	15	0	086
852-015SR	1-1/2	15	0	086
852-020SR	2	10	0	086
852-025SR	2-1/2	10	0	086
852-030SR	3	10	0	086
852-040SR	4	5	0	086

Flange - Blind

1/2" - 12" Molded - 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

14" - 24" Fabricated - 50 psi Maximum Internal Pressure Rating @ 73°F (23°C)

853-005	1/2	25	100	080
853-007	3/4	25	0	080
853-010	1	15	0	080
853-012	1-1/4	20	0	080
853-015	1-1/2	15	0	080
853-020	2	10	0	080
853-025	2-1/2	10	0	080
853-030	3	10	0	080
853-040	4	8	0	080
853-050F	5	1	5	083
853-060	6	5	0	080
853-080	8	5	0	080
853-100	10	3	0	081
853-120	12	2	0	081
853-140F	14	1	0	083
853-160F	16	1	0	083
853-180F	18	1	0	083
853-200F	20	1	0	083
853-240F	24	1	0	083

Flange Van Stone Style with PVC Ring

Socket

1/2" - 18" molded - 150 psi = maximum internal pressure rating @ 73°F (23°C)

18" - 24" fabricated - 50 psi = maximum internal pressure rating @ 73°F (23°C)

854-005	1/2	25	0	080
854-007	3/4	25	0	080
854-010	1	15	0	080
854-012	1-1/4	15	0	080



Pipe Flanges

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Flange Van Stone Style with PVC Ring (continued)

Socket

854-015	1-1/2	20	0	080
854-020	2	10	0	080
854-025	2-1/2	10	0	080
854P-030	3	10	0	080
854P-040	4	5	0	080
854P-050	5	5	0	080
854P-060	6	5	0	080
854P-080	8	2	0	080
854P-100	10	2	0	081
854P-120	12	2	0	081
854P-140	14	1	0	082
854P-160	16	1	0	082
854P-180	18	1	0	082
854-180FP	18	1	0	083
854-200FP	20	1	0	083
854-240FP	24	1	0	083

Flange Van Stone Style with Glass Filled PVC Ring

Socket

3" - 18" molded - 150 psi = maximum internal pressure rating @ 73°F (23°C)

854-030	3	10	0	080
854-040	4	5	0	080
854-050	5	5	0	080
854-060	6	5	0	080
854-080	8	2	0	080
854-100	10	2	0	081
854-120	12	2	0	081
854-140	14	1	0	082
854-160	16	1	0	082
854-180	18	1	0	082

18" flange has 4-section ring

Flange Van Stone Style Class 300 Bolt Pattern Fabricated with PVC Ring

Socket

1/2" - 16" molded with fab ring - 150 psi = maximum internal pressure rating @ 73°F (23°C)

18" - 24" fabricated - 50 psi = maximum internal pressure rating @ 73°F (23°C)

854-005CL300	1/2	1	25	083
854-007CL300	3/4	1	25	083
854-010CL300	1	15	90	083
854-012CL300	1-1/4	1	15	083
854-015CL300	1-1/2	1	20	083
854-020CL300	2	10	0	083
854-025CL300	2-1/2	1	10	083
854-030CL300	3	1	10	083
854-040CL300	4	3	0	083

Made in the U.S.A.

Suitable for Oil-Free air handling to 25 psi, not for distribution of compressed air or gas

See Spears® On-line Catalog @ www.spearsmfg.com for Pricing

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Flange Van Stone Style Class 300 Bolt Pattern Fabricated with PVC Ring (continued)

Socket

854-060CL300	6	1	4	083
854-080CL300	8	1	3	083
854-100CL300	10	1	2	083
854-120CL300	12	1	0	083
854-140CL300	14	1	0	083
854-160CL300	16	1	0	083
854-180CL300	18	1	0	083
854-200CL300	20	1	0	083
854-240CL300	24	1	0	083

Flange Van Stone Style with PVC Ring

Spigot

1/2" - 16" = 150 psi maximum internal pressure rating @ 73°F (23°C)

18" - 24" = 50 psi maximum internal pressure rating @ 73°F (23°C)

856-005	1/2	25	0	080
856-007	3/4	25	0	080
856-010	1	15	0	080
856-012	1-1/4	15	0	080
856-015	1-1/2	15	0	080
856-020	2	10	0	080
856-025	2-1/2	10	0	080
856P-030	3	10	0	080
856P-040	4	5	0	080
856P-060	6	4	0	080
856P-080	8	2	0	080
856P-100	10	2	0	081
856P-120	12	2	0	081
856-200FP	20	1	0	083
856-240FP	24	1	0	083

Flange Van Stone Style with Glass Filled PVC Ring

Spigot

3" - 12" molded, 14" - 18" molded/fabricated - 150 psi = maximum internal pressure rating @ 73°F (23°C)

856-030	3	10	0	080
856-040	4	5	0	080
856-060	6	4	0	080
856-080	8	2	0	080
856-100	10	2	0	081
856-120	12	2	0	081
856-140FP	14	1	0	083
856-160FP	16	1	0	083
856-180FP	18	1	0	083

** Fabricated from molded socket flanges with pipe spigot.

18" flange uses 4-piece ring



Schedule 80 PVC Product

Pipe Flanges

Pipe Flanges

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Flange Van Stone Style with Steel Ring

Socket



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

854-120FS	12	1	0	083
854-140FS	14	1	0	083
854-160FS	16	1	0	083
854-180FS	18	1	0	083
854-200FS	20	1	0	083
854-240FS	24	1	0	083

Flange Van Stone Style with Steel Ring

Spigot



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

856-140FS	14	1	0	083
856-160FS	16	1	0	083
856-180FS	18	1	0	083
856-200FS	20	1	0	083
856-240FS	24	1	0	083

Flange Van Stone Style PVC with Solid Ring

Socket

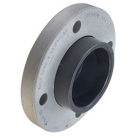


150 psi Maximum Internal Pressure Rating @73°F (23°C)

S854-020	2	10	0	080
S854-030	3	10	0	080
S854-040	4	5	0	080

Flange Van Stone Style PVC with Glass Filled PVC Solid Ring

Socket



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

S854-060	6	5	0	080
S854-080	8	2	0	080
S854-100	10	2	0	081
S854-120	12	2	0	081

Flange, One Piece PVC Multi-Bolt Pattern*

ASTM Socket x Multi-bolt Pattern Ring



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

M851-100	10	2	0	081
M851-120	12	2	0	081

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Flange, One Piece PVC Multi-Bolt Pattern* (continued)

ASTM Socket x Multi-bolt Pattern Ring

Hubs fit 10" and 12" ASTM IPS pipe. Rings are manufactured to accept bolt patterns in size 10" and 12" in ANSI Class 150, B.S. 4504 PN10, B.S. 4504 PN16, Table E & JIS 10K for size 10", Table D & E for size 12" Consult Spears® Manufacturing Company Technical Services for additional information. Not for use with wafer valves.

Flange Van Stone Style with Multi-Bolt Pattern PVC Ring*



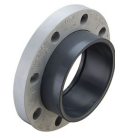
ASTM Socket x Multi-bolt Pattern Ring

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

M854-020	2	10	0	080
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* Hubs fit 2" ASTM IPS pipe. Rings are manufactured to accept bolt patterns in size 2" in ANSI Class 150, B.S. 4504 PN10 B.S. 4504 PN16 (except 8"), B.S. 10 Table D and B.S. 10 Table E. Consult Spears® Manufacturing Company Technical Services for additional information. Not for use with wafer valves.

Flange Van Stone Style with Multi-Bolt Pattern Glass Filled PVC Ring*



ASTM Socket x Multi-bolt Pattern Ring

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

M854-060	6	5	0	080
M854-080	8	2	0	080

* Hubs fit 6" and 8" ASTM IPS pipe. Rings are manufactured to accept bolt patterns in size 6" and 8" in ANSI Class 150, B.S. 4504 PN10 B.S. 4504 PN16 (except 8"), B.S. 10 Table D and B.S. 10 Table E. Consult Spears® Manufacturing Company Technical Services for additional information. Not for use with wafer valves.

Flange Van Stone Style with Multi-Bolt Pattern PVC Ring*



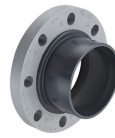
ASTM Spigot x Multi-bolt Pattern Ring

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

M856-020	2	10	0	080
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* Spigots fit 2" ASTM IPS fitting socket. Rings are manufactured to accept bolt patterns in size 2" in ANSI Class 150, B.S. 4504 NP10 B.S. 4504 NP16 (except 8"), B.S. 10 Table D and B.S. 10 Table E. Consult Spears® Manufacturing Company Technical Services for additional information. Not for use with wafer valves.

Flange Van Stone Style with Multi-Bolt Pattern Glass Filled PVC Ring*



ASTM Spigot x Multi-bolt Pattern Ring

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

M856-060	6	4	0	080
M856-080	8	2	0	080

* Spigots fit 6" and 8" ASTM IPS fitting socket. Rings are manufactured to accept bolt patterns in size 6" and 8" in ANSI Class 150, B.S. 4504 PN10 B.S. 4504 PN16 (except 8"), B.S. 10 Table D and B.S. 10 Table E. Consult Spears® Manufacturing Company Technical Services for additional information. Not for use with wafer valves.

Schedule 80 PVC Product
Pipe Flanges & Van Stone Style Flange Replacement Split Rings



Pipe Flanges

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Flange Van Stone Style with PVC Ring

Fipt

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

855-005	1/2	25	0	080
855-007	3/4	25	0	080
855-010	1	15	0	080
855-012	1-1/4	15	0	080
855-015	1-1/2	20	0	080
855-020	2	10	0	080
855-025	2-1/2	10	0	080

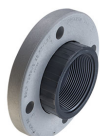


Flange Van Stone Style with Glass Filled PVC Ring

Fipt

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

855-030	3	10	0	080
855-040	4	5	0	080
855-060	6	2	0	080
855-060F	6	1	4	083
855-080	8	2	0	080
855-080F	8	1	2	083
855-100F	10	1	2	083
855-120F	12	1	0	083



Flange Van Stone Style with Table D&E Drilling PVC Ring*

ASTM Socket x Table D&E Drilling

150 psi

854-030DE	3"/80 nom.	10	0	080
854-040DE	4"/110 nom.	5	0	080

* Hubs fit 3" or 4" ASTM IPS Pipe. Rings are manufactured to BS 10 Table D & Table E bolt patterns.



Flange Van Stone Style with PN/10/16 Drilling PVC Ring*

ASTM Socket x DIN PN 10/16 Drilling

150 psi

854-030DIN	3"/80 nom.	10	0	080
854-040DIN	4"/110 nom.	5	0	080

* Hubs fit 3" or 4" ASTM IPS Pipe. Rings are manufactured to DIN 8063-4 PN 10 and PN 16 bolt patterns.



Van Stone Style Flange Replacement Split Rings

Application & Use of Van Stone Style Flange Replacement Split Rings

Designed for easy Van Stone style flange ring replacement in the event of system modification, repair, or improper assembly without having to remove existing flange hub. Split rings are made as a direct replacement of existing one-piece rings used on Spears® brand only of Van Stone style flanges with ANSI Class 150 bolt pattern plastic rings. Remove old ring to be replaced then simply place the split ring sections around hub and install flange bolts (not included) through special designed section overlap to hold in position. Install appropriate user supplied bolts, washers and gasket (see Flange Gasket and Bolt Hardware Kits in this catalog); torque to specifications according to normal flange assembly. Split rings are a set of either 2-pieces or 4-pieces (illustrated) sections depending on size, in regular PVC, Glass Filled PVC, or CPVC for flange type and sizes listed.



Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Flange Replacement Split Rings, PVC

For Spears® flanges with regular PVC Rings



854P-005-1S	1/2	10	0	080
854P-007-1S	3/4	10	0	080
854P-010-1S	1	15	0	080
854P-012-1S	1-1/4	15	0	080
854P-015-1S	1-1/2	10	0	080
854P-020-1S	2	10	0	080
854P-025-1S	2-1/2	10	0	080
854P-030-1S	3	10	0	080
854P-040-1S	4	10	0	080
854P-050-1S	5	5	0	080
854P-060-1S	6	5	0	080
854P-080-1S	8	4	0	080
854P-100-1S	10	4	0	081
854P-120-1S	12	2	0	081
854P-140-1S	14	4	0	082
854P-160-1S	16	2	0	082
854P-180-1S	18	1	0	082
854P-200-1S	20	1	0	083
854P-240-1S	24	1	0	083

Fits 854-xxx Socket, 855-xxx Threaded, and 856-xxx Spigot hub configurations

Flange Replacement Split Rings, Glass Filled PVC

For Spears® flanges with Glass Filled PVC Rings



854-030-1S	3	10	0	080
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**Van Stone Style Flange Replacement Split Rings & Flange Insulating Joints****Van Stone Style Flange Replacement Split Rings**

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Flange Replacement Split Rings, Glass Filled PVC (continued)**For Spears® flanges with Glass Filled PVC Rings**

854-040-1S	4	10	0	080
854-050-1S	5	5	0	080
854-060-1S	6	5	0	080
854-080-1S	8	4	0	080
854-100-1S	10	4	0	081
854-120-1S	12	2	0	081
854-140-1S	14	2	0	081
854-160-1S	16	2	0	082
854-180-1S	18	1	0	082

Fits 854-xxx Socket, 855-xxx Threaded, and 856-xxx Spigot hub configurations

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Flange Insulating Joints - Class 300 Bolt Pattern (continued)**PP Flange Spacer with PVC Bolt Isolators**

IJ300-200-010P	20X1	1	0	016
IJ300-240-010P	24X1	1	0	016

Flange Insulating Joints**Flange Insulating Joints - Class 150 Bolt Pattern****PP Flange Spacer with PVC Bolt Isolators**

Size = Nominal Flange Diameter x Thickness (in.)

For Dielectric Insulation Between Dissimilar Metal Flanges

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

IJ-030-010P	3X1	1	0	016
IJ-040-010P	4X1	1	0	016
IJ-060-010P	6X1	1	0	016
IJ-080-010P	8X1	1	0	016
IJ-100-010P	10X1	1	0	016
IJ-120-010P	12X1	1	0	016
IJ-140-010P	14X1	1	0	016
IJ-160-010P	16X1	1	0	016
IJ-180-010P	18X1	1	0	016
IJ-200-010P	20X1	1	0	016
IJ-240-010P	24X1	1	0	016

**Flange Insulating Joints - Class 300 Bolt Pattern****PP Flange Spacer with PVC Bolt Isolators**

Size = Nominal Flange Diameter x Thickness (in.)

For Dielectric Insulation Between Dissimilar Metal Flanges

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

IJ300-030-010P	3X1	1	0	016
IJ300-040-010P	4X1	1	0	016
IJ300-060-010P	6X1	1	0	016
IJ300-080-010P	8X1	1	0	016
IJ300-100-010P	10X1	1	0	016
IJ300-120-010P	12X1	1	0	016
IJ300-140-010P	14X1	1	0	016
IJ300-160-010P	16X1	1	0	016
IJ300-180-010P	18X1	1	0	016

Flange Bolt Kits



Flange Bolt Kits

Bolt Kit Selection Guide



Order Gaskets & Bolt Kits Separately

- Kit Contains All Bolts, Nuts, & Flat Washers for Specified Flange Size
- For Connecting Two (2) Mating Spears® Flanges
- Pre-coated, Anti-seize Lubricated Bolts
- Available in Zinc Coated Steel, Type 304 Stainless Steel or Type 316 Stainless Steel

Flange Size	Bolts ¹ Per Kit	Diameter (in.-TPI)	Length (in.)	Hardware Kit Part Number		
				Zinc	316 SS	304 SS
1/2	4	1/2-13	2	HK-005	HK1-005	HK2-005
3/4 & 1	4	1/2-13	2-1/4	HK-010	HK1-010	HK2-010
1-1/4 & 1-1/2	4	1/2-13	2-1/2	HK-015	HK1-015	HK2-015
2	4	5/8-11	3	HK-020	HK1-020	HK2-020
2-1/2	4	5/8-11	3-1/4	HK-025	HK1-025	HK2-025
3	4	5/8-11	3-1/2	HK-030	HK1-030	HK2-030
4	8	5/8-11	3-1/2	HK-040	HK1-040	HK2-040
5 & 6	8	3/4-10	4	HK-060	HK1-060	HK2-060
8	8	3/4-10	4-1/2	HK-080	HK1-080	HK2-080
10 & 12	12	7/8-9	6	HK-120	HK1-120	HK2-120

1 - Each Bolt includes Nut & two (2) Flat Washers

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Flange Bolt Hardware Kits - Zinc Plated Steel

For Connection of 2-Spears® Flanges Includes - Bolts, Nuts & Flat Washers



HK-005	1/2	1	10	017
HK-010	3/4 & 1	1	10	017
HK-015	1-1/4 & 1-1/2	1	10	017

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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Flange Bolt Hardware Kits - Zinc Plated Steel (continued)

For Connection of 2-Spears® Flanges Includes - Bolts, Nuts & Flat Washers

HK-020	2	1	10	017
HK-025	2-1/2	1	10	017
HK-030	3	1	10	017
HK-040	4	1	5	017
HK-060	5 & 6	1	5	017
HK-080	8	1	0	017
HK-120	10 & 12	1	0	017

Flange Bolt Hardware Kits - Type 316 Stainless Steel

For Connection of 2-Spears® Flanges Includes - Bolts, Nuts & Flat Washers



HK1-005	1/2	1	10	017
HK1-010	3/4 & 1	1	10	017
HK1-015	1-1/4 & 1-1/2	1	10	017
HK1-020	2	1	10	017
HK1-025	2-1/2	1	10	017
HK1-030	3	1	10	017
HK1-040	4	1	5	017
HK1-060	5 & 6	1	5	017
HK1-080	8	1	0	017
HK1-120	10 & 12	1	0	017

Flange Bolt Hardware Kits - Type 304 Stainless Steel

For Connection of 2-Spears® Flanges Includes - Bolts, Nuts, & Flat Washers

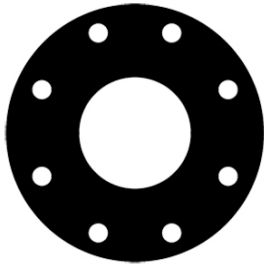


HK2-005	1/2	1	10	017
HK2-010	3/4 & 1	1	10	017
HK2-015	1-1/4 & 1-1/2	1	10	017
HK2-020	2	1	10	017
HK2-025	2-1/2	1	10	017
HK2-030	3	1	10	017
HK2-040	4	1	5	017
HK2-060	5 & 6	1	5	017
HK2-080	8	1	0	017
HK2-120	10 & 12	1	0	017



Schedule 80 PVC Product
Flange Gaskets - Full-Faced

Flange Gaskets - Full-Faced
Gasket Selection Guide



Flange Size	Bolt Holes	Gasket Part Number		
		Buna-N	EPDM	FKM
1/2	4	GK1-005	GK2-005	GK3-005
3/4	4	GK1-007	GK2-007	GK3-007
1	4	GK1-010	GK2-010	GK3-010
1-1/4	4	GK1-012	GK2-012	GK3-012
1-1/2	4	GK1-015	GK2-015	GK3-015
2	4	GK1-020	GK2-020	GK3-020
2-1/2	4	GK1-025	GK2-025	GK3-025
3	4	GK1-030	GK2-030	GK3-030
4	8	GK1-040	GK2-040	GK3-040
5	8	GK1-050	GK2-050	GK3-050
6	8	GK1-060	GK2-060	GK3-060
8	8	GK1-080	GK2-080	GK3-080
10	12	GK1-100	GK2-100	GK3-100
12	12	GK1-120	GK2-120	GK3-120

Order Gaskets & Bolt Kits Separately

- 1/8" Full-Face design with ANSI Class 150 Bolt Patterns
- Pressure rated to 150 psi @ 73°F
- Available in Buna-N, EPDM, or FKM

Flange Gaskets - Full-Faced Buna-N

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
GK1-005	1/2	1	25	017
GK1-007	3/4	1	25	017
GK1-010	1	1	25	017
GK1-012	1-1/4	1	25	017
GK1-015	1-1/2	1	25	017
GK1-020	2	1	25	017
GK1-025	2-1/2	1	25	017
GK1-030	3	1	25	017
GK1-040	4	1	25	017
GK1-050	5	1	25	017
GK1-060	6	1	25	017
GK1-080	8	1	25	017
GK1-100	10	1	25	017
GK1-120	12	1	25	017
GK1-140	14	1	25	017
GK1-160	16	1	25	017
GK1-180	18	1	25	017
GK1-240	24	1	25	017

Flange Gaskets - Full-Faced EPDM

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
GK2-005	1/2	1	25	017
GK2-007	3/4	1	25	017
GK2-010	1	1	25	017
GK2-012	1-1/4	1	25	017
GK2-015	1-1/2	1	25	017
GK2-020	2	1	25	017
GK2-025	2-1/2	1	25	017
GK2-030	3	1	25	017
GK2-040	4	1	25	017
GK2-050	5	1	25	017
GK2-060	6	1	25	017
GK2-080	8	1	25	017
GK2-100	10	1	25	017
GK2-120	12	1	25	017
GK2-140	14	1	25	017
GK2-160	16	1	25	017
GK2-180	18	1	25	017
GK2-200	20	1	25	017
GK2-240	24	1	25	017

Flange Gaskets - Full-Faced FKM

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
GK3-005	1/2	1	25	017
GK3-007	3/4	1	25	017
GK3-010	1	1	25	017
GK3-012	1-1/4	1	5	017
GK3-015	1-1/2	1	25	017
GK3-020	2	1	25	017
GK3-025	2-1/2	1	25	017
GK3-030	3	1	25	017
GK3-040	4	1	25	017
GK3-050	5	1	25	017
GK3-060	6	1	25	017
GK3-160	16	1	25	017
GK3-180	18	1	25	017
GK3-080	8	1	25	017
GK3-100	10	1	25	017
GK3-120	12	1	25	017
GK3-140	14	1	25	017
GK3-240	24	1	10	017

Schedule 80 PVC Product
PVC Flange Cut-in Kit



PVC Flange Cut-in Kit

When planned system changes are needed, system downtime can be a major concern. Spears® Flange Cut-in Kit minimizes downtime for actual cut-in to allow new connection in just minutes. Kit provides all necessary components to create a flanged joint for connection to system alterations in just minutes. Special Flange Hub can be cemented to piping and allowed to cure before shutting down and cutting into system. This allows immediate joining to mating flange (included) that can also be pre-assembled to desired alteration piping.

Kit includes special Split Flange Socket Hub, O-ring Sealed Hub Body, Stainless Steel Clamp, Split Ring, Full-Faced EPDM or FKM Gasket, Mating Flange Hub & Ring, and complete set of Stainless Steel Bolts, Flat Washers and anti-seize Brass Nuts to make the final joint. Available for IPS Pipe Sizes 1-1/2" - 12".



Pressure Rated to 150 psi @ 73°F (22°C)
Maximum Service Temperature
PVC = 140°F (60°C)
CPVC = 200°F (93°C)
Temperature/Pressure De-ratings Apply

Flange Cut-in Kit

Size	EPDM Gasket	FKM Gasket	Std Pk	Mstr Pk	Prod Code
1-1/2	FCKE-015	FCKV-015	1	4	017
2	FCKE-020	FCKV-020	1	4	017
2-1/2	FCKE-025	FCKV-025	1	0	017
3	FCKE-030	FCKV-030	1	0	017
4	FCKE-040	FCKV-040	1	0	017
6	FCKE-060	FCKV-060	1	0	017
8	FCKE-080	FCKV-080	1	0	017
10	FCKE-100	FCKV-100	1	0	017
12	FCKE-120	FCKV-120	1	0	017