

Discount Code(s): 043 PVC Sch. 40 Gray Molded Fittings thru 8" _____
044 PVC Sch. 40 Gray Molded Fittings 10" & Larger _____
045 PVC Sch. 40 Gray Fabricated Fittings _____

*Item prices may have changed from those shown in this sheet.
See Spears® On-line Catalog for most current pricing, updated daily.*



PVC Gray Schedule 40 Fittings



Quality Systems Certificate No. 293
Corporate Facilities, Sylmar, CA
Assessed to ISO 9001: 2008

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PRICE SCHEDULE 40G-1-1009
Effective October 26, 2009
Supersedes 40G-1-0308



PVC Gray Schedule 40 Fittings

HOW TO USE THIS CATALOG

Spears® PVC Gray Schedule 40 Fittings, Unions & Saddles catalog has been arranged for easy use in selection of desired products according to part number, size, packaging and pricing information. A complete listing of content is located at the end of this catalog. Additional information on individual product dimensions can be found in Spears® publication 40-4, PVC White Schedule 40 Fittings, Unions & Saddles Weights & Dimensions.

ORGANIZATION

Products in this catalog are listed in columns by type and configuration. Similar configuration types are grouped together, such as Tees, then Elbows, etc.

COLUMN HEADER INFORMATION

Each product column header label identifies the following product particulars:

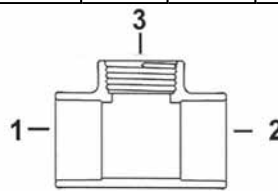
Part Number	the number used to order the part.
Size	nominal diameter of pipe with which the fitting is to be used. NOTE: Fittings may be same size (only one size designation) or reducing (multiple sizes designated).
Standard Pack (Std Pk)	the quantity of parts packaged in an individual box or bag.
Master Carton (Mstr Ctn)	the total quantity of parts contained in individual boxes or bags which are packaged together.
Discount Code (Disc Code)	identification code for applicable discount to the list price of the product. NOTE: This is a Product Group code and is not a calculation of discount. Discount codes are not the same for all products contained in this price schedule.
Price Each	the designated list price of the product.

PRODUCT CONFIGURATION

Each group of product configuration types is headed by the product's name and an abbreviated configuration description of the fitting outlet connections. Configuration descriptions are defined on the following page. Line drawing illustrations are general representations of the fittings in the group, but may not be an exact depiction of all configurations listed. Line drawings are correlated to the configuration description. The drawing is read left to right for Elbow and Adapter configurations. Tees have an additional outlet branch and are read left to right (run) then top (branch). Drawings for Wyes and Crosses are read top to bottom then left to right and bushings drawings are read as outside x inside configuration. The configuration description also correlates to the size designation. As with the nominal size designations, only one description is given when all outlets are the same. Reducing sizes list run configuration x branch configuration. Refer to illustration below.

Example

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Product Name ——— Tee
 Abbreviated ——— Soc x Fipt
 Configuration Description

In this example, outlet description is "Soc x Fipt", which indicates:
 1. Socket x
 2. Socket x
 3. Female Iron Pipe Thread

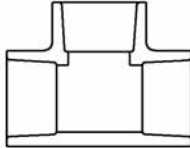
402-005G	1/2	50	300	043	.99
402-007G	3/4	50	0	043	1.52

PVC Gray Schedule 40 Fittings



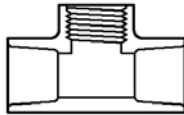
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Tee Soc



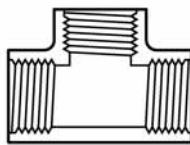
401-005G	1/2	50	300	043	.81
401-007G	3/4	50	0	043	.91
401-010G	1	50	0	043	1.69
401-012G	1-1/4	25	0	043	2.67
401-015G	1-1/2	25	0	043	3.27
401-020G	2	25	0	043	4.70
401-025G	2-1/2	10	0	043	15.56
401-030G	3	10	0	043	20.41
401-040G	4	6	0	043	36.93
401-050G	5	5	0	043	89.26
401-060G	6	4	0	043	124.39
401-080G	8	2	0	043	288.51
401-100G	10	1	0	044	955.94
401-120G	12	1	0	044	1412.44

Tee Soc x Fipt



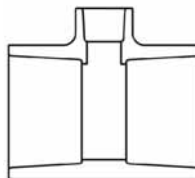
402-005G	1/2	50	300	043	1.05
402-007G	3/4	50	0	043	1.62
402-010G	1	50	0	043	3.04
402-012G	1-1/4	25	0	043	4.82

Tee Fipt



405-005G	1/2	50	0	043	2.90
405-007G	3/4	50	0	043	4.56
405-010G	1	50	0	043	6.34
405-012G	1-1/4	25	0	043	8.76
405-015G	1-1/2	25	0	043	9.01
405-020G	2	10	0	043	11.94

Reducing Tee Soc



401-101G	3/4X1/2	50	0	043	1.05
401-130G	1X1/2	50	0	043	1.79
401-131G	1X3/4	50	0	043	1.94

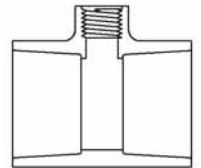
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Reducing Tee (continued)

Soc

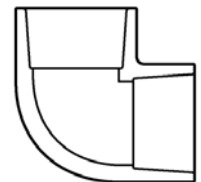
401-166G	1-1/4X1/2	25	0	043	2.91
401-167G	1-1/4X3/4	25	0	043	2.91
401-168G	1-1/4X1	25	0	043	2.91
401-209G	1-1/2X1/2	25	0	043	5.15
401-210G	1-1/2X3/4	25	0	043	5.15
401-211G	1-1/2X1	25	0	043	5.15
401-212G	1-1/2X1-1/4	25	0	043	5.15
401-247G	2X1/2	10	0	043	5.03
D401-247G	2X1/2	10	0	043	7.32
401-248G	2X3/4	10	0	043	5.03
401-249G	2X1	10	0	043	5.03
401-250G	2X1-1/4	10	0	043	5.03
401-251G	2X1-1/2	10	0	043	5.03
401-337G	3X1-1/2	10	0	043	22.22
401-338G	3X2	6	0	043	22.21
401-420G	4X2	10	0	043	36.93
401-422G	4X3	6	0	043	36.93
401-532G	6X4	2	0	043	124.39
401-585G	8X6	2	0	043	288.50

Reducing Tee Soc x Fipt



402-101G	3/4X1/2	50	0	043	1.37
402-130G	1X1/2	50	0	043	2.11
402-131G	1X3/4	50	0	043	3.04
402-166G	1-1/4X1/2	25	0	043	5.03
402-167G	1-1/4X3/4	25	0	043	5.03
402-168G	1-1/4X1	25	0	043	5.03
402-199G	1-1/2X1-1/4X1/2	25	0	043	6.24
402-209G	1-1/2X1/2	25	0	043	6.24
402-210G	1-1/2X3/4	25	0	043	6.24
402-211G	1-1/2X1-1/2X1	25	0	043	6.24
402-212G	1-1/2X1-1/4	25	0	043	6.24
402-247G	2X1/2	10	0	043	7.88
402-248G	2X3/4	10	0	043	7.88
402-249G	2X1	10	0	043	7.88
402-250G	2X1-1/4	10	0	043	7.88
402-251G	2X1-1/2	10	0	043	7.88

90° Ell Soc



406-003G	3/8	50	600	043	3.20
406-005G	1/2	50	400	043	.64
406-007G	3/4	50	300	043	.71



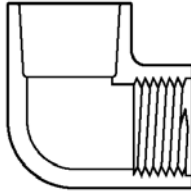
PVC Gray Schedule 40 Fittings

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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90° Ell (continued)

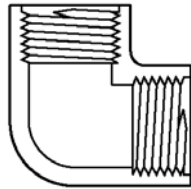
Soc

406-010G	1	50	0	043	1.29
406-012G	1-1/4	25	0	043	2.27
406-015G	1-1/2	25	0	043	2.40
406-020G	2	25	0	043	3.86
406-025G	2-1/2	10	0	043	11.61
406-030G	3	10	0	043	13.91
406-040G	4	8	0	043	24.89
406-050G	5	4	0	043	64.34
406-060G	6	5	0	043	79.18
406-080G	8	2	0	043	203.90
406-100G	10	1	0	044	767.88
406-120G	12	1	0	044	1029.90



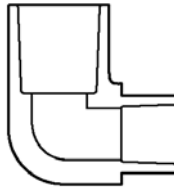
90° Ell Soc x Fipt

407-005G	1/2	50	400	043	.81
407-007G	3/4	50	300	043	.91
407-010G	1	50	0	043	1.69
407-012G	1-1/4	25	0	043	2.85
407-015G	1-1/2	25	0	043	3.16
407-020G	2	10	0	043	8.18



90° Ell Fipt

408-005G	1/2	50	400	043	1.55
408-007G	3/4	50	0	043	2.30
408-010G	1	50	0	043	4.87
408-012G	1-1/4	25	0	043	5.22
408-015G	1-1/2	25	0	043	6.59
408-020G	2	10	0	043	10.01

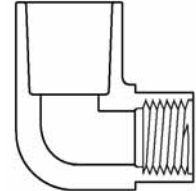


Reducing 90° Ell Soc

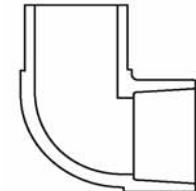
406-101G	3/4X1/2	50	0	043	1.29
406-130G	1X1/2	50	0	043	1.91

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Reducing 90° Ell Soc x Fipt

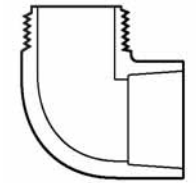


407-101G	3/4X1/2	50	300	043	.96
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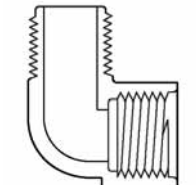
90° Street Ell Spig x Soc

409-005G	1/2	50	400	043	1.79
409-007G	3/4	50	0	043	2.21
409-010G	1	50	0	043	3.83
409-012G	1-1/4	25	0	043	4.56
409-015G	1-1/2	25	0	043	5.03



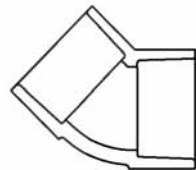
90° Street Ell Mipt x Soc

410-005G	1/2	50	400	043	1.37
410-007G	3/4	50	0	043	1.62



90° Street Ell Mipt x Fipt

412-005G	1/2	50	400	043	1.89
412-007G	3/4	50	0	043	2.30
412-010G	1	50	0	043	3.93
412-015G	1-1/2	25	0	043	5.29



45° Ell Soc

417-005G	1/2	50	400	043	1.06
417-007G	3/4	50	300	043	1.62
417-010G	1	50	0	043	1.94
417-012G	1-1/4	25	0	043	2.77
417-015G	1-1/2	25	0	043	3.44
417-020G	2	25	0	043	4.48
417-025G	2-1/2	10	0	043	11.62
417-030G	3	10	0	043	18.07

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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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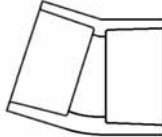
45° Ell (continued)

Soc

417-040G	4	5	0	043	32.46
417-050G	5	5	0	043	64.34
417-060G	6	8	0	043	80.13
417-080G	8	3	0	043	192.70

22-1/2° Ell

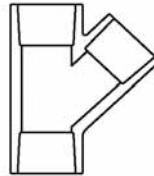
Soc



416-060GF	6	1	5	045	87.64
416-120GF	12	1	2	045	281.56

Wye

Soc

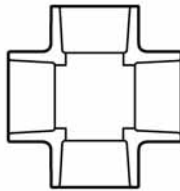


100 psi maximum internal pressure rating @ 73°F (23°C)

475-100G	10	1	0	044	1274.56
475-120G	12	0	0	044	1883.26

Cross

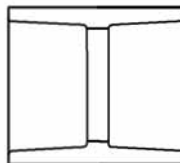
Soc



420-005G	1/2	50	0	043	2.44
420-007G	3/4	50	0	043	4.03
420-010G	1	50	0	043	5.03
420-012G	1-1/4	25	0	043	6.66
420-015G	1-1/2	25	0	043	7.55
420-020G	2	10	0	043	11.15
420-025G	2-1/2	10	0	043	23.64
420-030G	3	5	0	043	28.98
420-040G	4	4	0	043	42.96

Coupling

Soc



429-005G	1/2	50	600	043	.43
429-007G	3/4	50	400	043	.60
429-010G	1	50	0	043	1.02
429-012G	1-1/4	25	150	043	1.37
429-015G	1-1/2	25	0	043	1.49
429-020G	2	25	0	043	2.33

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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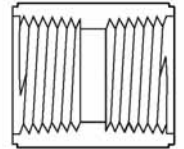
Coupling (continued)

Soc

429-025G	2-1/2	12	0	043	5.03
429-030G	3	10	0	043	7.90
429-040G	4	6	0	043	11.41
429-050G	5	5	0	043	20.91
429-060G	6	5	0	043	36.14
429-080G	8	8	0	043	67.45

Coupling

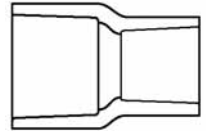
Fipt



430-005G	1/2	50	300	043	.82
430-007G	3/4	50	400	043	1.51
430-010G	1	50	0	043	1.94

Reducer Coupling

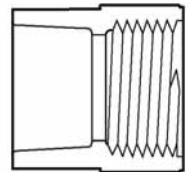
Soc



429-101G	3/4X1/2	50	200	043	1.05
429-131G	1X3/4	50	0	043	1.79
429-168G	1-1/4X1	25	0	043	3.04
429-212G	1-1/2X1-1/4	25	0	043	3.20
429-251G	2X1-1/2	10	80	043	5.09
429-338G	3X2	8	0	043	25.98
429-422G	4X3	4	0	043	34.24

Female Adapter

Soc x Fipt



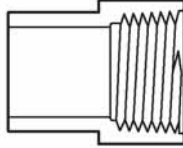
435-005G	1/2	50	600	043	.71
435-007G	3/4	50	400	043	.91
435-010G	1	50	0	043	1.06
435-012G	1-1/4	25	0	043	1.62
435-015G	1-1/2	25	0	043	1.89
435-020G	2	10	80	043	2.53
435-025G	2-1/2	10	0	043	6.36
435-030G	3	10	0	043	8.54
435-040G	4	6	0	043	14.16
435-050G	5	5	0	043	36.63
435-060G	6	5	0	043	52.03



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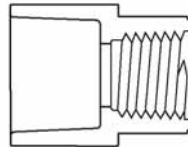
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Spigot Female Adapter Spig x Fipt



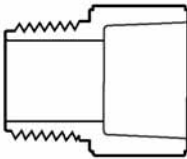
478-005G	1/2	50	600	043	.82
478-007G	3/4	25	300	043	.95
478-010G	1	50	0	043	1.52
478-012G	1-1/4	25	0	043	2.09
478-015G	1-1/2	20	0	043	2.60
478-020G	2	20	0	043	3.83
478-030G	3	10	0	043	12.97
478-040G	4	5	0	043	21.49

Reducing Female Adapter Soc x Fipt



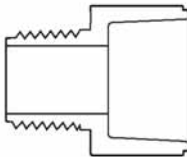
435-073G	1/2X3/8	50	600	043	1.29
435-101G	3/4X1/2	50	400	043	1.29
435-131G	1X3/4	50	0	043	1.69

Male Adapter Mipt x Soc



436-005G	1/2	50	300	043	.56
436-007G	3/4	50	400	043	.64
436-010G	1	50	300	043	1.14
436-012G	1-1/4	25	200	043	1.37
436-015G	1-1/2	25	0	043	1.89
436-020G	2	25	0	043	2.44
436-025G	2-1/2	10	0	043	7.23
436-030G	3	10	0	043	10.60
436-040G	4	5	0	043	13.49
436-050G	5	5	0	043	22.24
436-060G	6	5	0	043	35.23

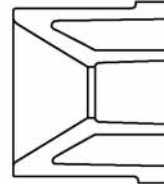
Reducing Male Adapter Mipt x Soc



436-074G	1/2X3/4	50	200	043	1.14
436-101G	3/4X1/2	50	300	043	1.05

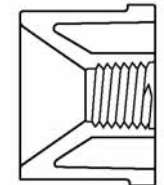
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Reducer Bushing Flush Style Spig x Soc



437-101G	3/4X1/2	50	300	043	.67
437-130G	1X1/2	50	200	043	1.23
437-131G	1X3/4	50	300	043	1.23
437-166G	1-1/4X1/2	25	300	043	1.62
437-167G	1-1/4X3/4	25	300	043	1.62
437-168G	1-1/4X1	25	300	043	1.62
437-209G	1-1/2X1/2	25	200	043	1.72
437-210G	1-1/2X3/4	25	200	043	1.72
437-211G	1-1/2X1	25	200	043	1.72
437-212G	1-1/2X1-1/4	25	200	043	1.72
437-247G	2X1/2	10	120	043	2.85
437-248G	2X3/4	10	120	043	2.85
437-249G	2X1	10	80	043	2.85
437-250G	2X1-1/4	10	120	043	2.85
437-251G	2X1-1/2	25	0	043	2.85
437-290G	2-1/2X1-1/4	10	0	043	4.57
437-291G	2-1/2X1-1/2	10	0	043	4.57
437-292G	2-1/2X2	10	80	043	4.57
437-334G	3X3/4	10	0	043	6.77
437-335G	3X1	10	0	043	6.77
437-336G	3X1-1/4	10	0	043	6.77
437-337G	3X1-1/2	10	0	043	6.77
437-338G	3X2	10	0	043	6.77
437-339G	3X2-1/2	10	0	043	6.77
437-420G	4X2	6	0	043	15.12
437-421G	4X2-1/2	6	0	043	15.12
437-422G	4X3	6	0	043	15.12
437-490G	5X4	5	0	043	21.24
437-532G	6X4	5	0	043	37.40
437-534G	6X5	5	0	043	37.45
437-582G	8X4	4	0	043	130.49
437-585G	8X6	4	0	043	130.49

Reducer Bushing Flush Style Spig x Fipt



438-072G	1/2X1/4	50	300	043	1.37
438-073G	1/2X3/8	50	300	043	1.37
438-098G	3/4X1/4	50	300	043	1.37
438-101G	3/4X1/2	50	300	043	1.05
438-130G	1X1/2	50	200	043	1.69
438-131G	1X3/4	50	300	043	1.69
438-166G	1-1/4X1/2	25	100	043	2.63
438-167G	1-1/4X3/4	25	100	043	2.63

PVC Gray Schedule 40 Fittings



Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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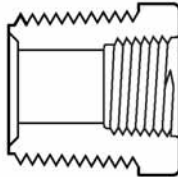
Reducer Bushing Flush Style (continued)

Spig x Fipt

438-168G	1-1/4X1	25	100	043	2.63
438-209G	1-1/2X1/2	25	100	043	3.04
438-210G	1-1/2X3/4	25	100	043	3.04
438-211G	1-1/2X1	25	100	043	3.04
438-212G	1-1/2X1-1/4	25	100	043	3.04
438-247G	2X1/2	10	80	043	4.03
438-248G	2X3/4	10	80	043	4.03
438-249G	2X1	10	80	043	4.03
438-250G	2X1-1/4	10	120	043	4.03
438-251G	2X1-1/2	10	120	043	4.03
438-291G	2-1/2X1-1/2	10	0	043	5.86
438-292G	2-1/2X2	10	0	043	5.86
438-338G	3X2	10	0	043	6.77
438-420G	4X2	6	0	043	15.09
438-422G	4X3	6	0	043	15.09
438-490G	5X4	4	0	043	29.40
438-532G	6X4	5	0	043	55.23

T.T. Bushing

Mipt x Fipt



439-101G	3/4X1/2	50	300	043	1.89
439-130G	1X1/2	50	300	043	2.63
439-131G	1X3/4	50	200	043	2.63
439-166G	1-1/4X1/2	25	300	043	3.90
439-167G	1-1/4X3/4	25	300	043	3.90
439-168G	1-1/4X1	25	150	043	3.90
439-210G	1-1/2X3/4	25	100	043	4.70
439-211G	1-1/2X1	25	100	043	4.70
439-212G	1-1/2X1-1/4	25	100	043	4.70
439-249G	2X1	10	120	043	5.03
439-250G	2X1-1/4	10	120	043	5.03
439-251G	2X1-1/2	10	60	043	5.03

Cap Soc



447-003G	3/8	50	300	043	1.62
447-005G	1/2	50	300	043	.60
447-007G	3/4	50	300	043	.68
447-010G	1	50	200	043	1.06
447-012G	1-1/4	25	100	043	1.49
447-015G	1-1/2	25	0	043	1.62
447-020G	2	10	80	043	1.96

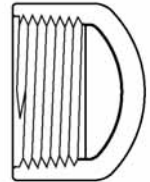
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Cap (continued)

Soc

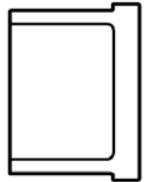
447-025G	2-1/2	10	0	043	6.27
447-030G	3	10	0	043	6.83
447-040G	4	6	0	043	15.56
447-050G	5	5	0	043	26.11
447-060G	6	4	0	043	37.28
447-080G	8	3	0	043	93.63

Cap Fipt



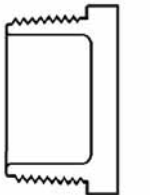
448-003G	3/8	50	300	043	2.21
448-005G	1/2	50	300	043	1.23
448-007G	3/4	50	300	043	1.38
448-010G	1	50	200	043	2.11
448-012G	1-1/4	25	100	043	2.51
448-015G	1-1/2	25	100	043	2.63
448-020G	2	10	120	043	4.65
448-030G	3	10	0	043	8.95
448-040G	4	6	0	043	15.67

Plug Spig



449-005G	1/2	50	300	043	1.37
449-007G	3/4	50	300	043	1.62
449-010G	1	50	200	043	1.94
449-012G	1-1/4	25	150	043	2.63
449-015G	1-1/2	25	100	043	3.33
449-020G	2	10	120	043	4.15
449-030G	3	10	0	043	9.36

Plug Mipt



450-003G	3/8	50	300	043	1.78
450-005G	1/2	50	400	043	1.72
450-007G	3/4	50	300	043	1.88
450-010G	1	50	400	043	3.04
450-012G	1-1/4	25	300	043	3.17
450-015G	1-1/2	25	100	043	3.43
450-020G	2	10	120	043	4.39
450-025G	2-1/2	10	0	043	6.10
450-030G	3	10	0	043	9.26



PVC Gray Schedule 40 Fittings

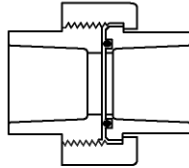
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Plug (continued)

Mipt

450-040G	4	6	0	043	20.89
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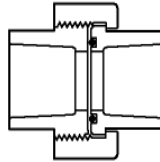
**Union
Soc with Buna-N O-ring Seal**



150 psi @ 73°F (23°C)

457-005G	1/2	10	60	043	6.24
457-007G	3/4	10	60	043	7.16
457-010G	1	10	40	043	7.32
457-012G	1-1/4	5	20	043	23.62
457-015G	1-1/2	5	20	043	24.62
457-020G	2	5	0	043	33.18

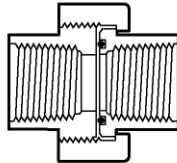
**Union
Soc with EPDM O-ring Seal**



150 psi @ 73°F (23°C)

497-005G	1/2	10	60	043	6.88
497-007G	3/4	10	60	043	7.88
497-010G	1	10	40	043	8.05
497-012G	1-1/4	5	20	043	25.97
497-015G	1-1/2	5	20	043	27.09
497-020G	2	5	0	043	36.51

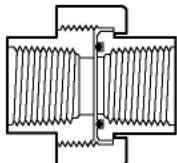
**Union
Fipt with Buna-N O-ring Seal**



150 psi @ 73°F (23°C)

458-005G	1/2	10	60	043	7.01
458-007G	3/4	10	60	043	11.71
458-010G	1	10	40	043	15.98
458-012G	1-1/4	5	20	043	27.46
458-015G	1-1/2	5	20	043	28.06
458-020G	2	5	0	043	34.45

**Union
Fipt with EPDM O-ring Seal**



150 psi @ 73°F (23°C)

498-005G	1/2	10	60	043	7.70
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Union (continued)

Fipt with EPDM O-ring Seal

498-007G	3/4	10	60	043	12.89
498-010G	1	10	40	043	17.56
498-012G	1-1/4	5	20	043	30.12
498-015G	1-1/2	5	20	043	30.93
498-020G	2	5	0	043	37.91

PVC Gray Schedule 40 Fittings



SPEARS® QUALITY POLICY

It is the policy and objective of Spears® Manufacturing Company to produce a superior quality product suitable for its intended use, with regard to functionality, structural integrity, and conformance to established industry standards and practices. It is the commitment of this Company to do so in a manner which provides consistency of product quality, optimum availability, and superior customer service, while maintaining efficiency of operations and profitability necessary to perpetuate product improvement and customer satisfaction. Furthermore, it is recognized that the attainment of these objectives is the responsibility of all Company operations and personnel according to their respective functions.

LIMITED WARRANTY

Except as otherwise mandated by law, Spears® Manufacturing Company warrants that the goods which have been directly manufactured by them shall be free from defects in material and workmanship for a period of one (1) year, from the date of shipment. CUSTOMER AGREES THAT THIS WARRANTY SHALL BE EFFECTIVE SO LONG AS THE GOODS ARE USED SOLELY FOR THE NORMAL PURPOSES FOR WHICH THEY ARE INTENDED AND IN CONFORMANCE WITH INDUSTRY ESTABLISHED ENGINEERING, INSTALLATION, OPERATING, AND MAINTENANCE SPECIFICATIONS, RECOMMENDATIONS AND INSTRUCTIONS. VIOLATION THEREOF SHALL VOID THIS WARRANTY AND RELIEVE COMPANY FROM ANY OBLIGATION UNDER THIS WARRANTY. COMPANY CANNOT AND DOES NOT ASSUME RESPONSIBILITY, AND EXPRESSLY DISCLAIMS ANY LIABILITY, DUE TO CUSTOMER'S, ANY INSTALLER'S OR END USER'S FAILURE TO COMPLY WITH SUCH SPECIFICATIONS, RECOMMENDATIONS AND INSTRUCTIONS, INCLUDING, BUT NOT LIMITED TO, DAMAGE DUE TO: IMPROPER CONTROL OF SYSTEM HYDRAULICS, IMPROPER WINTERIZATION PROCEDURES, IMPROPER VOLTAGE SUPPLY, CONTACT WITH INCOMPATIBLE MATERIALS OR CHEMICALS, EXCAVATION/DIGGING, EXCESSIVE WEIGHT, AND VANDALISM. COMPANY SHALL NOT BE LIABLE FOR DAMAGES DUE TO ANY ACTS OF NATURE INCLUDING, BUT NOT LIMITED TO, LIGHTNING, EARTHQUAKES, GROUND MOVEMENT, FROST HEAVE, OR FLOODS.

If Customer receives any goods that appear to be defective, upon receipt of a Return Authorization (RA#) issued by Spears® Customer Services Department, Customer may return such questionable goods. The material must be returned prepaid to Company at 15853 Olden Street, Sylmar, California 91342 along with completed Return Authorization documentation. After examination if the goods are determined to be defective in materials or workmanship directly provided by Company, Company, at its sole option, may either repair or replace the defective goods, or reimburse Customer for the cost of such goods. This shall be Customer's only remedy. All costs of shipping such questionable goods and any replacements thereof to and from Company's facility shall be borne by Customer. Customer agrees that Company will not be responsible for other parts or labor in connection with repairing, replacing, or returning such goods while goods are in possession of Company for analysis, nor for any delays beyond Company's reasonable control (including, with limitation, delays due to unavailability of materials, equipment, other supplies or labor, strikes, governmental regulation or other acts of God), provided that any delay shall toll the warranty period for the same amount of time as the delay itself.

COMPANY EXTENDS ONLY THIS WARRANTY AND EXPLICITLY WAIVES ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, ORAL OR STATUTORY (INCLUDING ANY IMPLIED WARRANTIES OR AFFIRMATION, SUITABILITY, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) APPLICABLE TO THE GOODS. NO AFFIRMATION BY COMPANY OR ANY OF ITS REPRESENTATIVES, BY WORDS OR CONDUCT, SHALL CONSTITUTE A WARRANTY. THIS WARRANTY MAY NOT BE EXTENDED, ALTERED OR OTHERWISE MODIFIED EXCEPT BY WRITTEN AGREEMENT SIGNED BY COMPANY.

BY ITS ACCEPTANCE OF THE GOODS, CUSTOMER HEREBY SPECIFICALLY AND EXPRESSLY WAIVES ALL OTHER LIABILITY OR OBLIGATION OF ANY KIND OR CHARACTER OF COMPANY, INCLUDING WITHOUT LIMITATION LIABILITY PREDICATED UPON STRICT LIABILITY OR TORT, AND ALL DAMAGES AND LOSSES AS A RESULT THEREOF, INCLUDING BUT NOT LIMITED TO ALL KNOWN, UNKNOWN, FORESEEABLE, UNFORESEEABLE, ABSOLUTE, CONTINGENT, LIQUIDATED, NON-LIQUIDATED, COMPENSATORY, GENERAL, SPECIAL, CONSEQUENTIAL, INCIDENTAL, OR PUNITIVE DAMAGES, AND WITH RESPECT TO THE GOODS, THEIR RETURN, REPAIR, RESTORATION AND REPLACEMENT. WITH RESPECT TO SUCH WAIVER, CUSTOMER HEREBY EXPLICITLY WAIVES CALIFORNIA CIVIL CODE §1542 WHICH STATES "A GENERAL RELEASE DOES NOT EXTEND TO CLAIMS WHICH THE CREDITOR DOES NOT KNOW OR SUSPECT TO EXIST IN HIS FAVOR AT THE TIME OF EXECUTING THIS RELEASE, WHICH IF KNOWN BY HIM MUST HAVE MATERIALLY ADVERSELY AFFECTED HIS SETTLEMENT WITH DEBTOR" AND ALL OTHER SIMILAR STATUTORY, COMMON AND CASE LAW RIGHTS, DEFENSES AND LIMITATIONS.

Having independently inspected a sample of the goods as fully as desired or having refused to make such examination upon acceptance of delivery of the goods, and except as otherwise herein provided, Customer hereby accepts the goods in its "AS IS" condition "WITH ALL FAULTS" without any other warranty, expressed or implied, and hereby accepts and assumes the entire risk and cost of all necessary servicing, repairs and remedy thereof.



PVC Gray Schedule 40 Fittings

STANDARDS & SPECIFICATIONS

Standards provide greater assurance of product performance and consistency, and are available to assist design engineers in system specification. The most frequently referenced industry standards for plastic piping systems are ASTM Standard Specifications and Practices. Along with ASTM Standards, additional product specifications and certifications form the basis of product conformance to which Spears® products are manufactured.

ASTM D 2466
ASTM D 1784

Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40.
Rigid Poly (Vinyl Chloride) (PVC) Compounds and Chlorinated Poly (Vinyl Chloride) (CPVC) Compounds.



National Sanitation Foundation (NSF) Standard 61 and/or 14 Plastic Fittings for Potable Water.

Material

Spears® Schedule 40 Fittings are produced from PVC Type I, Cell Classification 12454.

Prices subject to change without notice. Possession of this price schedule shall not be construed as an offer to sell the products listed. Product drawings and/or photographs are representative and may not fully reflect product configurations.

RECOMMENDATIONS FOR INSTALLERS & USERS

Plastic piping systems should be ENGINEERED, INSTALLED, and OPERATED in accordance with ESTABLISHED DESIGN AND ENGINEERING STANDARDS AND PROCEDURES for plastic piping systems. Suitability for the intended service application should be determined by the installer and/or user prior to installation of a plastic piping system. PRIOR TO ASSEMBLY, all piping system components should be inspected for damage or irregularities. Mating components should be checked to assure that tolerances and engagements are compatible. Do not use any components that appear irregular or do not fit properly. Contact the appropriate manufacturer of the component product in question to determine usability. Consult all applicable codes and regulations for compliance prior to installation.

SOLVENT WELD CONNECTIONS - Use a quality grade of primer and solvent cement formulated for the type of connection, with the CORRECT SIZE APPLICATOR. Read and follow all of the solvent cement MANUFACTURER'S APPLICATION AND CURE TIME INSTRUCTIONS THOROUGHLY.

BEFORE APPLYING PRIMER AND CEMENT, appropriate safety precautions should be taken. Primer and Cement should be stored in the shade between 40°F and 110°F. Eliminate all ignition sources. Avoid breathing of vapors. Use only with adequate ventilation; explosion-proof general mechanical ventilation or local exhaust is recommended to maintain vapor concentrations below recommended exposure limits. In confined or partially enclosed areas, a NIOSH-approved organic vapor cartridge respirator with full face-piece is recommended. Containers should be kept tightly closed when not in use, and covered as much as possible when in use. Avoid frequent contact with skin; wearing PVA coated protective gloves and impervious apron are recommended. Avoid any contact with eyes; splash-proof chemical goggles are recommended.

THREADED CONNECTIONS - Use a quality grade thread sealant. WARNING: SOME PIPE JOINT COMPOUNDS OR TEFLON® PASTES MAY CONTAIN SUBSTANCES THAT COULD CAUSE STRESS CRACKING TO PLASTIC. Spears® Manufacturing Company recommends the use of Spears® BLUE 75™ Thread Sealant which has been tested for compatibility with Spears® products. Please follow the sealant manufacturers' application/ installation instructions. Choice of an appropriate thread sealant other than those listed above is at the discretion of the installer. 1 to 2 turns beyond FINGER TIGHT is generally all that is required to make a sound plastic threaded connection. Unnecessary OVER TIGHTENING will cause DAMAGE TO BOTH PIPE AND FITTING.

PVC Gray Schedule 40 Fittings



IMPORTANT

WATER HAMMER - Spears® Manufacturing Company, Inc., recommends that all PVC and CPVC plastic piping systems be designed and constructed to AVOID EXCESSIVE WATER HAMMER. Water hammer can cause damage, and failure to pipe, valves, and fittings within the piping system.

PLEASE NOTE - When temperatures rise above 73°F, the tensile strength of thermoplastics decreases, thereby derating the pipe or fitting Maximum Internal Pressure. When temperatures fall below 73°F, the tensile strength of thermoplastics increases, however, the impact strength decreases. Maximum operating temperatures for PVC piping systems should not exceed 140°F. Maximum operating temperatures for CPVC piping systems should not exceed 200°F.

CAUTION - Spears® Manufacturing Company DOES NOT RECOMMEND the use of thermoplastic piping products for systems to transport or store compressed air or gases, or the testing of thermoplastic piping systems with compressed air or gases in above and below ground locations. The use of Spears® products in compressed air or gas systems automatically voids Spears® warranty for such products, and their use against our recommendation is entirely the responsibility and liability of the installer. Spears® Manufacturing Company will not accept responsibility for damage or impairment of its products, or other consequential or incidental damages caused by misapplication, incorrect assembly, and/or exposure to harmful substances or conditions.

NOT FOR USE WITH COMPRESSED AIR OR GASES

WARNING: DO NOT USE COMPRESSED AIR OR GAS TO TEST ANY PVC OR CPVC THERMOPLASTIC PIPING PRODUCT OR SYSTEM, AND DO NOT USE DEVICES PROPELLED BY COMPRESSED AIR OR GAS TO CLEAR SYSTEMS. THESE PRACTICES MAY RESULT IN EXPLOSIVE FRAGMENTATION OF SYSTEM PIPING AND COMPONENTS CAUSING SERIOUS OR FATAL BODILY INJURY.

CONFIGURATION DESCRIPTIONS

Definitions of abbreviated configuration descriptions follow.

Fipt	Female Iron Pipe Thread
IPS	Iron Pipe Size
Mipt	Male Iron Pipe Thread
Soc	Solvent Weld Socket (IPS)
Spig	Spigot End (IPS)



PVC Gray Schedule 40 Fittings

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Reducing 90° Ell Soc	3
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NOTES

NOTES

The Spears® Quality Policy

It is the policy and objective of Spears® Manufacturing Company to produce a superior quality product suitable for its intended use, with regard to functionality, structural integrity, and conformance to established industry standards and practices. It is the commitment of this Company to do so in a manner which provides consistency of product quality, optimum availability, and superior customer service, while maintaining efficiency of operations and profitability necessary to perpetuate product improvement and customer satisfaction. Furthermore, it is recognized that the attainment of these objectives is the responsibility of all Company operations and personnel according to their respective functions.



SPEARS® MANUFACTURING COMPANY • CORPORATE OFFICE

15853 Olden St., Sylmar, CA 91342 • PO Box 9203, Sylmar, CA 91392
(818) 364-1611 • www.spearsmfg.com



PACIFIC SOUTHWEST

15860 Olden St.
Sylmar (Los Angeles), CA 91342
(818) 364-1611 • (800) 862-1499
Fax (818) 367-3014

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Denver, CO 80238
(303) 371-9430 • (800) 777-4154
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UTAH

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Salt Lake City, UT 84104
(303) 371-9430 • (800) 777-4154
Fax (303) 375-9546

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Fax (678) 985-5642

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Fax (253) 939-7557

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Fax (469) 528-3001

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Fax (717) 938-6547

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