

Discount Code(s): 390 PVC Sch. 40 Low Pressure Fabricated Fittings _____
400 PVC Sch. 80 Low Pressure 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 Schedule 40 & 80 Low Pressure Fabricated Fittings



**COMPLIES WITH
ASTM F 1866**

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**PRICE SCHEDULE LPR-1-1009
Effective October 26, 2009
Supersedes LPR-1-0308A**



PVC Schedule 40 & 80 Low Pressure Fabricated Fittings

HOW TO USE THIS CATALOG

Spears® PVC Schedule 40 & 80 Low Pressure Fabricated Fittings catalog has been arranged for easy use in selection of desired products according to configuration, size, pressure class, part number and pricing information. Products in this catalog are listed in columns by configuration, such as Coupling, 90° Elbow, Tee, etc.; and pipe Schedule (Sch 40 or Sch 80) wall thickness. Similar configuration types are grouped together. A complete listing of content is located at the end of this catalog.

Low Pressure fittings (LPR) are designed for use in low-pressure systems as follows:

- Sizes up to 12" - Pressure Rated to 130 psi Maximum Internal Pressure @ 73°F (23°C)
- Sizes from 14" to 24" - Pressure Rated to 100 psi Maximum Internal Pressure @ 73°F (23°C)

Standard material pressure de-ratings apply at elevated temperatures. Spears® Low Pressure Fabricated Fittings are manufactured and tested in accordance with ASTM F 1866. For DWV (Drain, Waste, & Vent) applications, please refer to Spears® PVC Schedule 40 & 80 DWV Fabricated Fittings Price Schedule (DWV-1).

COLUMN HEADER INFORMATION

Each product column header label identifies the following product particulars:

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).
Sch 40 Low PR, Sch 80 Low PR	Schedule of pipe (wall thickness) from which the fittings are fabricated.
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.
Part Number/List Price	The designated Part Number with the list price immediately underneath.

PRODUCT CONFIGURATION

Each group of product configuration types is headed by the product's name and configuration description of the fitting outlet connections. Configuration descriptions are defined below. Line drawing illustrations are general representations of the fittings in the group, but may not be an exact depiction of all configurations listed. The configuration description 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.

CONFIGURATION DESCRIPTIONS & PART INFORMATION

Definitions of configuration descriptions and letter designation found within certain part numbers are as follows:

Soc (Socket)	Solvent Weld Socket
Spig (Spigot)	Pipe size O.D. end
*	Can also be found in Price Schedule MDWW-1

- PLEASE NOTE -

Not all of the Fabricated Fittings listed in this price schedule are carried in Spears® Distribution Center inventories. When ordering Fabricated Fittings, please check your servicing Distribution Center for availability. ALL ORDERS FOR NON-STOCKED Fabricated Fittings are NON-CANCELABLE and NON-RETURNABLE.


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 are representative and may not fully reflect product configurations.

PVC Schedule 40 & 80 Low Pressure Fabricated Fittings

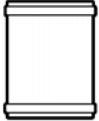


Size	SCH 40 LOW PR Disc Code: 390	SCH 80 LOW PR Disc Code: 400
	Part Number Price Each	Part Number Price Each


COUPLING (Soc x Soc)

	8	3729-080 65.11	3929-080 144.15
	10	3729-100 80.07	3929-100 156.99
	12	3729-120 117.87	3929-120 180.96
	14	3729-140 191.39	3929-140 361.85
	16	3729-160 213.47	3929-160 430.20
	18	3729-180 364.04	3929-180 847.98
	20	3729-200 635.07	3929-200 1045.52
	24	3729-240 881.99	3929-240 1803.61

REPAIR COUPLING (Gasket x Gasket)


	4	3728-040 63.11	3928-040 73.73
	6	3728-060 87.79	3928-060 103.91
	8	3728-080 138.19	3928-080 175.78
	10	3728-100 182.32	3928-100 245.96
	12	3728-120 228.73	3928-120 312.57
	14	3728-140 396.91	3928-140 692.11
	16	3728-160 584.77	3928-160 1038.37
	18	3728-180 764.47	3928-180 1349.80
	20	3728-200 1187.13	3928-200 1619.78
	24	3728-240 1610.03	3928-240 2184.82

REDUCER COUPLING (Soc x Soc)

	6x 2	3729-528 [†] 94.70	3929-528 164.19
	6x 3	3729-530 [†] 57.73	3929-530 121.29
	6x 4	3729-532 33.82	3929-532 79.80
	8x 2	3729-578 159.28	3929-578 221.81
	8x 3	3729-580 147.46	3929-580 193.87
	8x 4	3729-582 [†] 83.83	3929-582 153.20
	8x 6	3729-585 [†] 72.05	3929-585 140.99
	10x 4	3729-624 [†] 189.17	3929-624 359.91
	10x 6	3729-626 [†] 176.29	3929-626 287.17
	10x 8	3729-628 [†] 123.38	3929-628 153.49
	12x 4	3729-664 [†] 355.68	3929-664 517.12
	12x 6	3729-666 [†] 269.69	3929-666 426.37

Size	SCH 40 LOW PR Disc Code: 390	SCH 80 LOW PR Disc Code: 400
	Part Number Price Each	Part Number Price Each

REDUCER COUPLING (Soc x Soc) (continued)

	12x 8	3729-668 [†] 237.35	3929-668 369.99
	12x10	3729-670 [†] 179.61	3929-670 227.26
	14x 4	3729-694 [†] 572.38	3929-694 699.71
	14x 6	3729-696 [†] 554.12	3929-696 625.00
	14x 8	3729-698 [†] 401.11	3929-698 614.76
	14x10	3729-700 [†] 338.77	3929-700 519.00
	14x12	3729-702 [†] 300.85	3929-702 331.78
	16x 4	3729-754 612.62	3929-754 1028.18
	16x 6	3729-756 564.28	3929-756 963.93
	16x 8	3729-758 513.47	3929-758 910.39
	16x10	3729-760 458.57	3929-760 632.94
	16x12	3729-762 416.32	3929-762 581.85
	16x14	3729-764 361.05	3929-764 490.52
	18x 6	3729-786 1019.78	3929-786 1486.06
	18x 8	3729-788 864.93	3929-788 1375.18
	18x10	3729-790 807.06	3929-790 1263.79
	18x12	3729-792 755.63	3929-792 1056.21
	18x14	3729-794 696.87	3929-794 1022.78
	18x16	3729-796 520.56	3929-796 874.24
	20x 6	3729-816 1277.30	3929-816 2089.68
	20x 8	3729-818 1237.02	3929-818 2065.49
	20x10	3729-820 1084.50	3929-820 2050.14
	20x12	3729-822 1069.64	3929-822 1922.64
	20x14	3729-824 1056.43	3929-824 1907.35
	20x16	3729-826 996.61	3929-826 1527.51
	20x18	3729-828 880.44	3929-828 1053.34
	24x 6	3729-906 2568.89	3929-906 3533.28
	24x 8	3729-908 2495.29	3929-908 3503.80
	24x10	3729-910 2063.12	3929-910 3491.83
	24x12	3729-912 1995.10	3929-912 3435.41
24x14	3729-914 1891.81	3929-914 3423.90	
24x16	3729-916 1737.05	3929-916 3292.36	



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Size	SCH 40 LOW PR Disc Code: 390	SCH 80 LOW PR Disc Code: 400
	Part Number Price Each	Part Number Price Each

REDUCER COUPLING (Soc x Soc) (continued)

	24x18	3729-918 1538.13	3929-918 2510.18
	24x20	3729-920 1156.29	3929-920 2251.19

ECCENTRIC REDUCER COUPLING (Soc x Soc)

	3x 2	3729-338E 30.03	3929-338E 41.84
	4x 2	3729-420E ² 40.79	3929-420E ² 106.74
	4x 3	3729-422E 37.69	3929-422E 49.39
	6x 2	3729-528E ^{3*} 92.06	3929-528E ³ 138.96
	6x 3	3729-530E ^{2*} 84.80	3929-530E ² 135.00
	6x 4	3729-532E ² 42.40	3929-532E 102.97
	8x 3	3729-580E ^{3*} 174.91	3929-580E ³ 196.21
	8x 4	3729-582E ^{2*} 87.34	3929-582E ² 178.09
	8x 6	3729-585E ¹ 70.60	3929-585E 136.95
	10x 4	3729-624E ^{2*} 199.70	3929-624E ³ 301.37
	10x 6	3729-626E ¹ 183.62	3929-626E ² 255.78
	10x 8	3729-628E ¹ 173.12	3929-628E 236.35
	12x 4	3729-664E ^{3*} 372.60	3929-664E ⁴ 460.86
	12x 6	3729-666E ^{2*} 306.16	3929-666E ³ 379.28
	12x 8	3729-668E ^{2*} 203.02	3929-668E ² 327.67
	12x10	3729-670E ¹ 176.02	3929-670E 209.45
	14x 6	3729-696E ³ 621.94	3929-696E ⁴ 750.73
	14x 8	3729-698E ³ 509.47	3929-698E ³ 671.57
	14x10	3729-700E ² 462.49	3929-700E ² 486.21
	14x12	3729-702E 282.74	3929-702E 447.14
	16x 6	3729-756E ³ 649.88	3929-756E ⁵ 1387.01
	16x 8	3729-758E ³ 640.77	3929-758E ³ 1270.11
	16x10	3729-760E ² 473.83	3929-760E ³ 923.96
	16x12	3729-762E 450.87	3929-762E ² 820.33
	16x14	3729-764E 400.63	3929-764E 635.39
	18x 6	3729-786E ⁴ 923.71	3929-786E ⁶ 1914.65
	18x 8	3729-788E ⁴ 910.03	3929-788E ⁵ 1832.83
	18x10	3729-790E ³ 844.87	3929-790E ⁴ 1712.73

Size	SCH 40 LOW PR Disc Code: 390	SCH 80 LOW PR Disc Code: 400
	Part Number Price Each	Part Number Price Each

ECCENTRIC REDUCER COUPLING (Soc x Soc) (continued)

	18x12	3729-792E ² 762.49	3929-792E ³ 1528.74
	18x14	3729-794E ² 674.15	3929-794E ² 1260.35
	18x16	3729-796E 543.82	3929-796E 1229.81

2=two-step design, 3=three-step design, 4=four-step design, 5=five-step design, 6=six-step design

11-1/4° ELBOW (Soc x Soc)

	4	3711-040 36.73	3911-040 49.94
	6	3711-060 59.00	3911-060 93.37
	8	3711-080 99.74	3911-080 152.83
	10	3711-100 150.50	3911-100 270.87
	12	3711-120 238.09	3911-120 395.89
	14	3711-140 374.32	3911-140 606.07
	16	3711-160 510.26	3911-160 810.15
	18	3711-180 571.07	3911-180 1045.85
	20	3711-200 757.49	3911-200 1340.76
	24	3711-240 1354.24	3911-240 1534.67

15° ELBOW (Soc x Soc)

	4	3718-040 36.73	3918-040 49.94
	6	3718-060 59.00	3918-060 93.37
	8	3718-080 99.74	3918-080 152.83
	10	3718-100 150.50	3918-100 270.87
	12	3718-120 238.09	3918-120 395.89
	14	3718-140 374.32	3918-140 606.07
	16	3718-160 510.26	3918-160 810.15
	18	3718-180 571.07	3918-180 1045.85
	20	3718-200 757.49	3918-200 1340.76
	24	3718-240 1354.24	3918-240 1534.67

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Size	SCH 40 LOW PR Disc Code: 390	SCH 80 LOW PR Disc Code: 400
	Part Number Price Each	Part Number Price Each

22-1/2° ELBOW (Soc x Soc)

	4	3716-040 36.73	3916-040 49.94
	6	3716-060 59.00	3916-060 93.37
	8	3716-080 99.74	3916-080 152.83
	10	3716-100' 150.50	3916-100 270.87
	12	3716-120' 238.09	3916-120 395.89
	14	3716-140' 374.32	3916-140 606.07
	16	3716-160 510.26	3916-160 810.15
	18	3716-180 612.79	3916-180 1045.85
	20	3716-200 757.49	3916-200 1340.76
	24	3716-240 1354.24	3916-240 1534.67

22-1/2° STREET ELL (Spig x Soc)

	6	3742-060 64.90	3942-060 102.68
	8	3742-080 109.71	3942-080 168.11
	10	3742-100' 165.54	3942-100 297.97
	12	3742-120' 261.89	3942-120 435.49
	14	3742-140' 411.74	3942-140 666.69
	16	3742-160 405.22	3942-160 891.16
	18	3742-180 674.06	3942-180 1148.96
	20	3742-200 1026.94	3942-200 1578.44
	24	3742-240 1593.22	3942-240 1805.89

30° ELBOW (Soc x Soc)

	4	3715-040 36.73	3915-040 49.94
	6	3715-060 59.00	3915-060 93.37
	8	3715-080 99.74	3915-080 152.83
	10	3715-100 150.50	3915-100 270.87
	12	3715-120 238.09	3915-120 395.89
	14	3715-140 374.32	3915-140 606.07
	16	3715-160 510.26	3915-160 810.15
	18	3715-180 612.79	3915-180 1045.85
	20	3715-200 757.49	3915-200 1340.76
	24	3715-240 1354.24	3915-240 1534.67

Size	SCH 40 LOW PR Disc Code: 390	SCH 80 LOW PR Disc Code: 400
	Part Number Price Each	Part Number Price Each

45° ELBOW (Soc x Soc)

	6	3717-060 95.36	3917-060 156.48
	8	3717-080 114.19	3917-080 168.15
	10	3717-100 187.81	3917-100 308.02
	12	3717-120 263.77	3917-120 440.33
	14	3717-140' 457.36	3917-140 632.81
	16	3717-160 564.71	3917-160 819.46
	18	3717-180 651.69	3917-180 1108.50
	20	3717-200 889.82	3917-200 1392.34
	24	3717-240 1182.36	3917-240 1639.14

45° STREET ELL (Spig x Soc)

	4	3727-040 89.72	3927-040 109.78
	6	3727-060 95.36	3927-060 156.48
	8	3727-080 114.19	3927-080 168.15
	10	3727-100' 187.81	3927-100 308.02
	12	3727-120' 263.77	3927-120 440.33
	14	3727-140' 457.36	3927-140 632.81
	16	3727-160 564.71	3927-160 819.46
	18	3727-180 651.69	3927-180 1108.50
	20	3727-200 889.82	3927-200 1392.34
	24	3727-240 1182.36	3927-240 1639.14

60° ELBOW (Soc x Soc)

	6	3724-060' 113.97	3924-060 166.24
	8	3724-080' 162.60	3924-080 279.27
	10	3724-100' 272.48	3924-100 523.47
	12	3724-120' 357.00	3924-120 770.45
	14	3724-140' 654.39	3924-140 1119.56
	16	3724-160 795.61	3924-160 1360.31
	18	3724-180 1022.12	3924-180 1514.82
	20	3724-200 1090.36	3924-200 1786.03
	24	3724-240 1404.83	3924-240 1908.04



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Size	SCH 40 LOW PR Disc Code: 390	SCH 80 LOW PR Disc Code: 400
	Part Number Price Each	Part Number Price Each

90° STREET ELL (Spig x Soc)

	4	---	3909-040 125.14
	6	3709-060* 109.06	3909-060 148.30
	8	3709-080* 150.02	3909-080 244.23
	10	3709-100* 250.68	3909-100 484.07
	12	3709-120* 365.33	3909-120 711.19
	14	3709-140* 505.20	3909-140 1039.30
	16	3709-160 785.76	3909-160 1290.73
	18	3709-180 1136.40	3909-180 1662.23
	20	3709-200 1280.99	3909-200 1961.24
	24	3709-240 1601.84	3909-240 2095.30

90° ELBOW (Soc x Soc)

	6	3706-060 102.74	3906-060 133.00
	8	3706-080 142.73	3906-080 223.38
	10	3706-100 225.62	3906-100 440.97
	12	3706-120 347.06	3906-120 643.05
	14	3706-140* 464.80	3906-140 946.13
	16	3706-160 689.28	3906-160 1176.70
	18	3706-180 1025.15	3906-180 1514.82
	20	3706-200 1153.05	3906-200 1786.03
	24	3706-240 1441.93	3906-240 2672.41

TEE (Soc x Soc x Soc)

	6	3701-060 104.07	3901-060 181.00
	6x 2	3701-528* 89.93	3901-528 134.85
	6x 3	3701-530* 94.46	3901-530 141.20
	6x 4	3701-532 98.80	3901-532 146.59
	8	3701-080 169.53	3901-080 287.28
	8x 2	3701-578* 105.74	3901-578 188.87
	8x 3	3701-580* 110.88	3901-580 212.81
	8x 4	3701-582 113.90	3901-582 217.55
	8x 6	3701-585 123.59	3901-585 225.86
	10	3701-100 329.72	3901-100 448.09
	10x 2	3701-621* 172.13	3901-621 266.50

Size	SCH 40 LOW PR Disc Code: 390	SCH 80 LOW PR Disc Code: 400
	Part Number Price Each	Part Number Price Each

TEE (Soc x Soc x Soc) (continued)

	10x 3	3701-623* 175.32	3901-623 290.26
	10x 4	3701-624 179.61	3901-624 328.36
	10x 6	3701-626 219.54	3901-626 401.24
	10x 8	3701-628 294.32	3901-628 420.47
	12	3701-120 438.20	3901-120 617.38
	12x 2	3701-661* 229.81	3901-661 330.03
	12x 3	3701-663* 233.20	3901-663 384.62
	12x 4	3701-664 239.07	3901-664 436.98
	12x 6	3701-666 277.68	3901-666 508.41
	12x 8	3701-668 331.67	3901-668 559.77
	12x10	3701-670 377.95	3901-670 567.10
	14	3701-140* 861.38	3901-140 1108.81
	14x 2	3701-691* 364.46	3901-691 584.43
	14x 3	3701-693* 403.38	3901-693 653.85
	14x 4	3701-694* 449.72	3901-694 719.62
	14x 6	3701-696* 527.79	3901-696 844.49
	14x 8	3701-698* 629.27	3901-698 1011.78
	14x10	3701-700* 715.30	3901-700 1064.38
	14x12	3701-702* 846.19	3901-702 1074.72
	16	3701-160 1219.30	3901-160 1746.81
	16x 2	3701-751 519.71	3901-751 749.26
	16x 3	3701-753 525.40	3901-753 828.76
	16x 4	3701-754 557.73	3901-754 892.31
	16x 6	3701-756 603.29	3901-756 965.19
	16x 8	3701-758 706.26	3901-758 1130.63
	16x10	3701-760 887.78	3901-760 1265.87
	16x12	3701-762 1008.09	3901-762 1604.80
	16x14	3701-764 1196.38	3901-764 1659.45
	18	3701-180 1515.28	3901-180 1885.93
	18x 4	3701-784 890.68	3901-784 1035.61
	18x 6	3701-786 904.78	3901-786 1171.87
	18x 8	3701-788 941.91	3901-788 1215.74

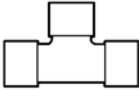
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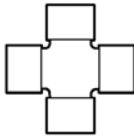
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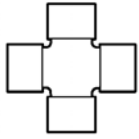
TEE (Soc x Soc x Soc) (continued)

	18x10	3701-790 1061.64	3901-790 1228.51
	18x12	3701-792 1130.98	3901-792 1510.22
	18x14	3701-794 1213.06	3901-794 1736.70
	18x16	3701-796 1302.02	3901-796 1774.61
	20	3701-200 2017.90	3901-200 2713.95
	20x 4	3701-814 1076.46	3901-814 1437.81
	20x 6	3701-816 1139.06	3901-816 1621.46
	20x 8	3701-818 1203.62	3901-818 1991.34
	20x10	3701-820 1291.70	3901-820 2057.35
	20x12	3701-822 1367.74	3901-822 2173.15
	20x14	3701-824 1475.98	3901-824 2363.70
	20x16	3701-826 1571.69	3901-826 2406.81
	20x18	3701-828 1733.62	3901-828 2602.17
	24	3701-240 2513.96	3901-240 3255.22
	24x 4	3701-904 1482.27	3901-904 1782.48
	24x 6	3701-906 1558.06	3901-906 2010.23
	24x 8	3701-908 1652.98	3901-908 2174.56
	24x10	3701-910 1746.31	3901-910 2366.17
	24x12	3701-912 1840.18	3901-912 2489.82
	24x14	3701-914 1966.20	3901-914 2760.70
	24x16	3701-916 2079.71	3901-916 2848.71
	24x18	3701-918 2259.45	3901-918 2987.68
	24x20	3701-920 2425.83	3901-920 3125.14

CROSS (Soc x Soc x Soc x Soc) (continued)

	8x 3	3720-580 187.57	3920-580 216.57
	8x 4	3720-582 206.06	3920-582 232.33
	8x 6	3720-585 259.27	3920-585 301.10
	10	3720-100 439.56	3920-100 803.47
	10x 2	3720-621 184.12	3920-621 368.98
	10x 3	3720-623 212.06	3920-623 426.96
	10x 4	3720-624 243.27	3920-624 437.78
	10x 6	3720-626 278.97	3920-626 534.93
	10x 8	3720-628 391.66	3920-628 705.89
	12	3720-120 579.48	3920-120 1132.22
	12x 2	3720-661 243.33	3920-661 499.53
	12x 3	3720-663 273.10	3920-663 558.37
	12x 4	3720-664 288.71	3920-664 582.65
	12x 6	3720-666 352.90	3920-666 676.55
	12x 8	3720-668 428.86	3920-668 808.18
	12x10	3720-670 497.77	3920-670 920.96
	14	3720-140 962.64	3920-140 2013.18
	14x 2	3720-691 474.94	3920-691 758.30
	14x 3	3720-693 528.82	3920-693 835.40
	14x 4	3720-694 587.11	3920-694 933.97
	14x 6	3720-696 660.41	3920-696 1048.22
	14x 8	3720-698 760.84	3920-698 1205.66
	14x10	3720-700 864.49	3920-700 1443.69
	14x12	3720-702 914.59	3920-702 1691.48
	16	3720-160 1406.21	3920-160 2552.22
	16x 2	3720-751 651.72	3920-751 1028.48
	16x 3	3720-753 716.27	3920-753 1123.59
	16x 4	3720-754 743.63	3920-754 1189.77
	16x 6	3720-756 804.30	3920-756 1286.91
	16x 8	3720-758 942.19	3920-758 1507.47
	16x10	3720-760 1122.33	3920-760 1735.98
	16x12	3720-762 1289.82	3920-762 2062.24

CROSS (Soc x Soc x Soc x Soc)

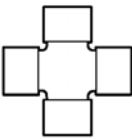
	4x 2	---	3920-420 114.97
	4x 3	---	3920-422 126.52
	6	3720-060 133.70	3920-060 311.83
	6x 2	3720-528 100.36	3920-528 161.56
	6x 3	3720-530 118.85	3920-530 182.10
	6x 4	3720-532 131.04	3920-532 224.83
	8	3720-080 270.03	3920-080 375.56
	8x 2	3720-578 173.36	3920-578 203.86



PVC Schedule 40 & 80 Low Pressure Fabricated Fittings


Size	SCH 40 LOW PR Disc Code: 390	SCH 80 LOW PR Disc Code: 400
	Part Number Price Each	Part Number Price Each

CROSS (Soc x Soc x Soc x Soc) (continued)


	16x14	3720-764 1354.33	3920-764 2432.02
	18	3720-180 1992.26	3920-180 3150.74
	18x 4	3720-784 806.30	3920-784 1501.57
	18x 6	3720-786 1136.81	3920-786 1716.27
	18x 8	3720-788 1287.97	3920-788 2047.45
	18x10	3720-790 1393.01	3920-790 2320.40
	18x12	3720-792 1481.07	3920-792 2574.21
	18x14	3720-794 1560.71	3920-794 2751.19
	18x16	3720-796 1811.37	3920-796 2988.44
	20	3720-200 3389.36	3920-200 5319.19
	20x 4	3720-814 1423.59	3920-814 1973.29
	20x 6	3720-816 1478.36	3920-816 2134.60
	20x 8	3720-818 1836.56	3920-818 2322.91
	20x10	3720-820 2098.04	3920-820 2727.02
	20x12	3720-822 2189.28	3920-822 3018.34
	20x14	3720-824 2381.39	3920-824 3260.81
	20x16	3720-826 2678.11	3920-826 3626.15
	20x18	3720-828 2897.62	3920-828 4324.82
	24	3720-240 4463.91	3920-240 6448.01
	24x 4	3720-904 1819.65	3920-904 2178.44
	24x 6	3720-906 2160.44	3920-906 2484.18
	24x 8	3720-908 2299.87	3920-908 3242.16
	24x10	3720-910 2458.63	3920-910 3519.14
	24x12	3720-912 2707.69	3920-912 4037.10
24x14	3720-914 2784.96	3920-914 4738.82	
24x16	3720-916 3086.59	3920-916 5024.49	
24x18	3720-918 3447.21	3920-918 5277.37	
24x20	3720-920 4173.97	3920-920 5619.99	

Size	SCH 40 LOW PR Disc Code: 390	SCH 80 LOW PR Disc Code: 400
	Part Number Price Each	Part Number Price Each

CAP (Soc)

	10	3747-100' 104.47	3947-100 204.00
	12	3747-120' 131.93	3947-120 353.18
	14	3747-140' 224.33	3947-140 400.54
	16	3747-160 287.17	3947-160 528.66
	18	3747-180 317.76	3947-180 694.56
	20	3747-200 559.71	3947-200 802.62
	24	3747-240 827.36	3947-240 931.31

SPIGOT PLUG

	6	3749-060 40.38	3949-060 122.13
	8	3749-080 103.15	3949-080 206.14
	10	3749-100 117.63	3949-100 260.62
	12	3749-120 168.61	3949-120 414.97
	14	3749-140 286.06	---
	16	3749-160 348.57	3949-160 603.63

PVC Schedule 40 & 80 Low Pressure Fabricated Fittings



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.

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.



PVC Schedule 40 & 80 Low Pressure Fabricated Fittings

STANDARDS & SPECIFICATIONS

Standards provide greater assurance of product performance and consistency, and are available to assist design engineers in system specification. Along with ASTM Standards, additional product specifications and certifications form the basis of product conformance to which Spears® products are manufactured.

ASTM F 1866
ASTM D 1784

Poly (Vinyl Chloride) (PVC) Plastic Schedule 40 Drainage and DWV Fabricated Fittings.
Rigid Poly (Vinyl Chloride) (PVC) Compounds and Chlorinated Poly (Vinyl Chloride) (CPVC) Compounds.



National Sanitation Foundation (NSF) Standard 14 Fabricated Fittings for DWV applications (NSF-dwv).

Material

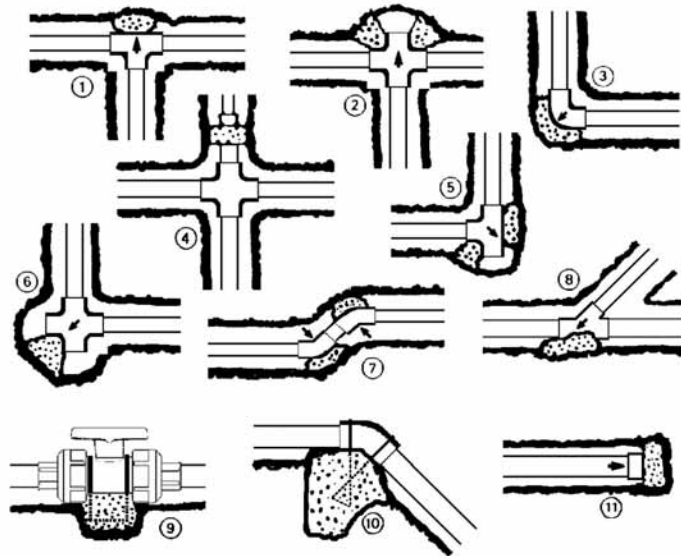
PVC Type I Cell Classification 12454

THRUST BLOCKING— Water under pressure exerts thrust forces in piping systems. Thrust blocking should be provided, as necessary, to prevent movement of pipe or appurtenances in response to thrust.

Types Of Thrust Blocking:

If thrusts, due to high pressure, are expected, anchor valves as below. At vertical bends anchor to resist outward thrusts.

1. Thru line connection, tee
2. Thru line connection, cross used as tee
3. Direction change, elbow
4. Change line size, reducer
5. Direction change, tee used as elbow
6. Direction change, cross used as elbow
7. Direction change
8. Thru line connection, wye
9. Valve anchor
10. Direction change vertical, bend anchor
11. End Caps (above or below ground)



Thrust Blocking Is Required Wherever The Pipeline:

- * Changes direction (e.g., tees, bends, elbows and crosses)
- * Changes size at its reducers
- * Stops, as at dead ends
- * Valves and hydrants, at which thrust develops when closed.

Size And Type Of Thrust Blocking Depends On:

- * Maximum system pressure
- * Pipe size
- * Type and size of fittings or appurtenance
- * Line profile (horizontal or vertical bends)
- * Soil type

PVC Schedule 40 & 80 Low Pressure Fabricated Fittings



Pipe Dimension Reference Chart

Pipe Type		LH	80	100	125	CL 63	CL 100	SEWER	CL 125	CL 160	CL 200	40 DWV	80 DWV	SCH 40	SCH 80	C-900
O.D. Size		PIP	PIP	PIP	PIP	IPS	IPS	PSM	IPS	IPS	IPS	IPS	IPS	IPS	IPS	CI
SDR		91	51	41	32.5	64	41	35	32.5	26	21	—	—	—	—	DR 18
4"	O.D.	4.130	4.130	4.130	4.130	4.500	4.500	4.215	4.500	4.500	4.500	4.500	4.500	4.500	4.500	4.800
	I.D.	4.000	3.968	3.928	3.876	4.360	4.280	3.89	4.224	4.154	4.072	3.998	3.786	3.998	3.786	4.22
	Wall PSI	.065 43	.081 80	.101 100	.127 125	.070 63	.110 100	0.125 117.5	.138 125	.173 160	.214 200	.237 100	.337 100	.237 220	.337 320	.267 150
6"	O.D.	6.140	6.140	6.140	6.140	6.625	6.625	6.275	6.625	6.625	6.625	6.625	6.625	6.625	6.625	6.900
	I.D.	6.000	5.898	5.840	5.762	6.417	6.301	5.742	6.217	6.115	5.993	6.031	5.709	6.031	5.709	6.08
	Wall PSI	.070 43	.121 80	.150 100	.189 125	.104 63	.162 100	0.18 117.5	.204 125	.255 160	.316 200	.280 100	.432 100	.280 180	.432 280	.383 150
8"	O.D.	8.160	8.160	8.160	8.160	8.625	8.625	8.4	8.625	8.625	8.625	8.625	8.625	8.625	8.625	9.050
	I.D.	7.984	7.840	7.762	7.658	8.355	8.205	7.665	8.095	7.961	7.805	7.943	7.565	7.943	7.565	7.97
	Wall PSI	.088 43	.160 80	.199 100	.251 125	.135 63	.210 100	.024 117.5	.265 125	.332 160	.410 200	.322 100	.500 100	.322 160	.500 250	.503 150
10"	O.D.	10.200	10.200	10.200	10.200	10.750	10.750	10.5	10.750	10.750	10.750	10.750	10.750	10.750	10.750	11.100
	I.D.	9.980	9.800	9.702	9.572	10.414	10.226	9.563	10.088	9.924	9.748	9.976	9.492	9.976	9.492	9.78
	Wall PSI	.110 43	.200 80	.249 100	.314 125	.168 63	.262 100	0.3 117.5	.331 125	.413 160	.511 200	.365 100	.593 100	.365 140	.593 230	.617 150
12"	O.D.	12.240	12.240	12.240	12.240	12.750	12.750	12.5	12.750	12.750	12.750	12.750	12.750	12.750	12.750	13.200
	I.D.	11.975	11.760	11.642	11.486	12.352	12.128	11.361	11.966	11.770	11.538	11.890	11.294	11.890	11.294	11.63
	Wall PSI	.132 43	.240 80	.299 100	.377 125	.199 63	.311 100	0.36 117.5	.392 125	.490 160	.606 200	.406 100	.687 100	.406 130	.687 230	.733 150
14"	O.D.	14.280	14.280	14.280	14.280	*	*	*	*	14	*	14.000	14.000	14.000	14.000	15.3
	I.D.	14.000	13.720	13.584	13.402	*	*	*	*	12.86	*	13.072	12.410	13.072	12.410	13.48
	Wall PSI	.140 43	.280 80	.348 100	.439 125	*	*	*	*	0.538 160	*	.438 100	.750 100	.438 130	.750 220	0.85 235
15"	O.D.	15.300	15.300	15.300	15.300	*	*	15.3	*	*	*	*	*	*	*	*
	I.D.	14.970	14.700	14.550	14.358	*	*	13.898	*	*	*	*	*	*	*	*
	Wall PSI	.165 43	.300 80	.375 100	.471 125	*	*	0.44 117.5	*	*	*	*	*	*	*	*
16"	O.D.	*	*	*	*	*	*	*	*	16	*	16.000	16.000	16.000	16.000	17.4
	I.D.	*	*	*	*	*	*	*	*	14.696	*	14.940	14.214	14.940	14.214	15.33
	Wall PSI	*	*	*	*	*	*	*	*	0.615 160	*	.500 100	.843 100	.500 130	.843 220	0.967 235
18"	O.D.	18.360	18.701	18.701	18.701	*	18.000	18.701	*	18.000	*	18	18.000	18	18.000	19.5
	I.D.	17.964	17.967	17.789	17.551	*	17.122	17.629	*	16.616	*	16.808	16.014	16.808	16.014	17.83
	Wall PSI	.198 43	.367 80	.456 100	.575 125	*	.439 100	0.536 117.5	*	.692 160	*	.562 100	.937 100	.562 120	.937 220	1.083 235
20"	O.D.	20.400	*	*	*	*	20.000	*	*	20.000	*	20	20	20	20	21.6
	I.D.	19.962	*	*	*	*	19.026	*	*	18.462	*	18.863	17.814	18.863	17.614	19.03
	Wall PSI	.219 43	*	*	*	*	.487 100	*	*	.769 160	*	.533 100	1.031 100	.533 120	1.031 220	1.2 235
21"	O.D.	*	22.047	22.047	22.047	*	*	22.047	*	*	*	*	*	*	*	*
	I.D.	*	21.183	20.971	20.691	*	*	20.783	*	*	*	*	*	*	*	*
	Wall PSI	*	.432 80	.538 100	.678 125	*	*	0.632 117.5	*	*	*	*	*	*	*	*
24"	O.D.	*	24.803	24.803	24.803	*	24.000	24.8	*	24	*	24	24	24	24	25.800
	I.D.	*	23.831	23.593	23.277	*	22.748	23.381	*	22.043	*	22.54	21.418	22.54	21.418	23.73
	Wall PSI	*	.486 80	.605 100	.763 125	*	.585 100	0.711 117.5	*	.923 160	*	0.687 100	1.218 100	0.687 120	1.218 210	1.200 235

* Information Not Available



PVC Schedule 40 & 80 Low Pressure Fabricated 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 Schedule 40 & 80 Low Pressure Fabricated Fittings



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30° ELBOW (Soc x Soc)	4
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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.



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TESTING AND MATERIALS



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NSF INTERNATIONAL
CERTIFIED PIPE



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