



DOUBLE CONTAINMENT SYSTEM DESIGN

Spears® Double Containment (DC) Fittings are constructed from standard fittings that are to be *assembled on the jobsite*. Spears® DC fittings work with standard pipe for both Carrier and Containment lines. Carrier fittings are equipped with special extender couplings for connection to carrier pipe. Simple, slip-on centralizer brackets used on the carrier pipe support this assembly inside the containment pipe. This design allows the carrier fitting to "float" within the containment fitting, allowing ease of movement for installation while reducing problems associated with thermal expansion and contraction during operation. This simplified approach to double containment makes installation very easy. However, successful installation requires proper design and planning of system layout, a basic understanding of how Spears® double containment fitting design works, and specific attention to a proper sequence of general assembly. See *Double Containment Design & Installation Guide* for additional details on design, installation and different configuration applications. DC fitting sizes are listed through 12", but additional sizes are available on request.

CONFIGURATIONS

DC Pipe: Spears® DC Fittings can be used with any standard pipe of the corresponding size and schedule. As a result, pipe is not listed in this Price Schedule.

DC Fittings: Each configuration includes all components to form an internal Carrier Fitting with applicable Extender-Couplings and an external Containment fitting. Each DC Fitting configuration is specified as Carrier Material & Schedule x Containment Material & Schedule. Refer to example below (additional information is found in specific fitting sections).

Example

A Double Containment 90° Ell having a 1/2" Schedule 40 Carrier and 2" Schedule 40 Containment pipe would be listed as follows:

Product Name _____	DC 90° Ell
Configuration Description _____	PVC Sch 40 x PVC Sch 40

Part Number	Size	Disc Code	Price Each
DC06-A005-A020	1/2X2	470	32.78

Carrier Elbow
Containment Elbow
Extender Couplings

Centralizer Brackets should be ordered separately for Carrier pipe support in runs of Containment pipe.

Valve Boxes: Like DC Fittings, Valve Boxes include all necessary components for connection to the designated Carrier x Containment system. Valve Boxes include the applicable True Union Industrial Ball Valve, Ball Check Valve, or Diaphragm Valve, with designated elastomer seals. Refer to example below (additional information is found in specific Valve Box sections).

Example

A Valve Box with True Union 2000 Industrial Ball Valve having a 1/2" valve with Schedule 40 Carrier and 2" Schedule 40 Containment pipe would be listed as follows:

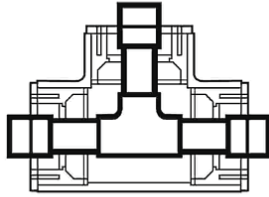
Product Name _____	Valve Box, with PVC True Union 2000 Industrial Ball Valve
Configuration Description _____	PVC Sch 40 x PVC Sch 40

Size	EPDM	FKM	Disc Code
1/2X2	VBA20-A005-A020 280.17	VBA30-A005-A020 285.10	470

Carrier Valve
Containment Valve Box
Extender Couplings



Double Containment Tees



DC Tees are made from standard Spears® pressure fittings in designated material and Schedule selected. Included are separate internal Carrier and external Containment fittings of the same configuration. Carrier fittings are equipped with extenders to facilitate cement assembly. Certain combinations use larger Containment tees that are bushed to specified size.

Important Note: Some Tees are shipped with the Carrier Tee branch extender separated from the Carrier Tee assembly to facilitate assembly. The Carrier Tee branch extension must be cemented in place after the run Carrier Tee assembly is completed. See *Double Containment Design & Installation Guide* for proper installation.

Centralizers are used inside the Containment piping system, but not inside fittings, installed on Carrier pipe and must be ordered separately according to same Carrier x Containment size and pipe schedule selected.

¹ Configuration uses larger size Containment Tee with Outlets Bushed down

DC Tee PVC Sch 40 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC01-A005-A020	1/2X2	1	8	470	43.32
DC01-A007-A030	3/4X3	1	10	470	60.33
DC01-A010-A030	1X3	1	10	470	62.47
DC01-A015-A040	1-1/2X4	1	4	470	82.12
DC01-A020-A040 ¹	2X4	1	4	470	294.54
DC01-A030-A060	3X6	1	2	470	680.28
DC01-A040-A080	4X8	1	2	470	414.36
DC01-A060-A100	6X10	1	0	470	1028.82
DC01-A080-A120	8X12	1	0	470	1573.28

DC Tee PVC Sch 40 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC01-A005-G020	1/2X2	1	8	470	114.81
DC01-A007-G030	3/4X3	1	10	470	367.00
DC01-A010-G030	1X3	1	10	470	369.15
DC01-A015-G040	1-1/2X4	1	4	470	637.35
DC01-A020-G040 ¹	2X4	1	4	470	1130.42
DC01-A030-G060	3X6	1	2	470	1428.14
DC01-A040-G080	4X8	1	2	470	2115.85

DC Tee PVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC01-B005-A020	1/2X2	1	9	470	69.09
DC01-B007-A030	3/4X3	1	10	470	91.73
DC01-B010-A030	1X3	1	10	470	94.83
DC01-B015-A040	1-1/2X4	1	4	470	143.63
DC01-B020-A040 ¹	2X4	1	2	470	356.12
DC01-B030-A060	3X6	1	2	470	819.77
DC01-B040-A080	4X8	1	2	470	970.95
DC01-B060-A100	6X10	1	0	470	1537.65
DC01-B080-A120	8X12	1	0	470	2456.25

DC Tee PVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC01-B005-G020	1/2X2	1	9	470	140.47
DC01-B007-G030	3/4X3	1	10	470	399.45
DC01-B010-G030	1X3	1	10	470	402.07
DC01-B015-G040	1-1/2X4	1	4	470	704.07
DC01-B020-G040	2X4	1	2	470	2702.39
DC01-B030-G060	3X6	1	2	470	1088.83
DC01-B040-G080	4X8	1	2	470	2265.19

DC Tee PVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC01-B005-B020	1/2X2	1	10	470	106.39
DC01-B007-B030	3/4X3	1	10	470	128.26
DC01-B010-B030	1X3	1	5	470	131.27
DC01-B015-B040	1-1/2X4	1	4	470	177.72

DC Tee PVC Sch 80 x PVC Sch 80 (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC01-B020-B040 ¹	2X4	1	0	470	663.87
DC01-B030-B060 ¹	3X6	1	2	470	991.53
DC01-B040-B080	4X8	1	0	470	1227.55
DC01-B060-B100	6X10	1	0	470	1517.74
DC01-B080-B120	8X12	1	0	470	3502.40

DC Tee CPVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC01-C005-A020	1/2X2	1	10	470	75.14
DC01-C007-A030	3/4X3	1	5	470	98.85
DC01-C010-A030	1X3	1	10	470	111.26
DC01-C015-A040	1-1/2X4	1	4	470	184.97
DC01-C020-A040 ¹	2X4	1	3	470	411.23
DC01-C030-A060	3X6	1	2	470	950.32
DC01-C040-A080	4X8	1	0	470	757.61
DC01-C060-A100	6X10	1	0	470	1766.48
DC01-C080-A120	8X12	1	0	470	2781.34

DC Tee CPVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC01-C005-B020	1/2X2	1	9	470	112.35
DC01-C007-B030	3/4X3	1	5	470	135.31
DC01-C010-B030	1X3	1	5	470	147.83
DC01-C015-B040	1-1/2X4	1	4	470	213.83
DC01-C020-B040 ¹	2X4	1	4	470	742.23
DC01-C030-B060	3X6	1	2	470	1353.71
DC01-C040-B080	4X8	1	0	470	987.58
DC01-C060-B100	6X10	1	0	470	2825.52
DC01-C080-B120	8X12	1	0	470	3440.76

DC Tee CPVC Sch 80 x CPVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC01-C005-C020	1/2X2	1	10	470	117.85
DC01-C007-C030	3/4X3	1	10	470	199.16
DC01-C010-C030	1X3	1	5	470	211.68
DC01-C015-C040	1-1/2X4	1	5	470	308.63
DC01-C020-C040 ¹	2X4	1	0	470	513.23
DC01-C030-C060	3X6	1	2	470	1081.06
DC01-C040-C080	4X8	1	2	470	1663.62
DC01-C060-C100	6X10	1	0	470	2908.24
DC01-C080-C120	8X12	1	0	470	5253.18

DC Tee CPVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC01-C005-G020	1/2X2	1	9	470	146.06
DC01-C007-G030	3/4X3	1	5	470	405.52
DC01-C010-G030	1X3	1	10	470	418.04
DC01-C015-G040	1-1/2X4	1	6	470	787.84

**Double Containment
Tees**

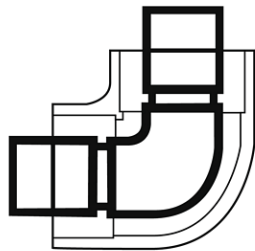


DC Tee CPVC Sch 80 x PVC Sch 40 Clear
(continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC01-C020-G040 ¹	2X4	1	6	470	2741.34
DC01-C030-G060 ¹	3X6	1	2	470	1787.00
DC01-C040-G080	4X8	1	2	470	2383.74



Double Containment 90° Ells



DC 90° Ells are made from standard Spears® pressure fittings in designated material and Schedule selected. Included are separate internal Carrier and external Containment fittings of the same configuration. Carrier fittings are equipped with extenders to facilitate cement assembly. See *Double Containment Design & Installation Guide* for proper installation.

Centralizers are used inside the Containment piping system, but not inside fittings, installed on Carrier pipe and must be ordered separately according to same Carrier x Containment size and pipe schedule selected.

DC 90° Ell PVC Sch 40 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC06-A005-A020	1/2X2	1	25	470	34.51
DC06-A007-A030	3/4X3	1	10	470	44.98
DC06-A010-A030	1X3	1	10	470	46.48
DC06-A015-A040	1-1/2X4	1	5	470	59.67
DC06-A020-A040	2X4	1	5	470	75.93
DC06-A030-A060	3X6	2	0	470	152.33
DC06-A040-A080	4X8	1	2	470	295.95
DC06-A060-A100	6X10	1	0	470	968.87
DC06-A080-A120	8X12	1	0	470	1420.85

DC 90° Ell

PVC Sch 40 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC06-A005-G020	1/2X2	1	25	470	92.07
DC06-A007-G030	3/4X3	1	10	470	254.03
DC06-A010-G030	1X3	1	4	470	255.61
DC06-A015-G040	1-1/2X4	1	5	470	433.89
DC06-A020-G040	2X4	1	8	470	450.16
DC06-A030-G060	3X6	1	2	470	791.11
DC06-A040-G080	4X8	1	2	470	1384.05

DC 90° Ell PVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC06-B005-A020	1/2X2	1	25	470	48.26
DC06-B007-A030	3/4X3	1	10	470	63.59
DC06-B010-A030	1X3	1	10	470	66.59
DC06-B015-A040	1-1/2X4	1	5	470	92.63
DC06-B020-A040	2X4	1	5	470	109.58
DC06-B030-A060	3X6	1	2	470	236.12
DC06-B040-A080	4X8	1	2	470	398.84
DC06-B060-A100	6X10	1	0	470	1173.99
DC06-B080-A120	8X12	1	0	470	1754.57

DC 90° Ell

PVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC06-B005-G020	1/2X2	1	25	470	105.44
DC06-B007-G030	3/4X3	1	10	470	272.60
DC06-B010-G030	1X3	1	10	470	275.59
DC06-B015-G040	1-1/2X4	1	8	470	465.54
DC06-B020-G040	2X4	1	4	470	469.59
DC06-B030-G060	3X6	1	4	470	234.93
DC06-B040-G080	4X8	1	2	470	1486.96

DC 90° Ell PVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC06-B005-B020	1/2X2	1	20	470	56.20
DC06-B007-B030	3/4X3	1	10	470	80.58
DC06-B010-B030	1X3	1	10	470	83.61
DC06-B015-B040	1-1/2X4	1	5	470	113.36

DC 90° Ell PVC Sch 80 x PVC Sch 80

(continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC06-B020-B040	2X4	1	4	470	117.55
DC06-B030-B060	3X6	2	0	470	290.48
DC06-B040-B080	4X8	1	2	470	563.22
DC06-B060-B100	6X10	1	0	470	2055.33
DC06-B080-B120	8X12	1	0	470	2874.16

DC 90° Ell CPVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC06-C005-A020	1/2X2	1	8	470	51.81
DC06-C007-A030	3/4X3	1	5	470	68.27
DC06-C010-A030	1X3	1	5	470	79.43
DC06-C015-A040	1-1/2X4	1	8	470	129.05
DC06-C020-A040	2X4	1	5	470	155.74
DC06-C030-A060	3X6	1	5	470	302.64
DC06-C040-A080	4X8	1	2	470	582.09
DC06-C060-A100	6X10	1	0	470	1545.61
DC06-C080-A120	8X12	1	0	470	2965.48

DC 90° Ell CPVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC06-C005-B020	1/2X2	1	25	470	59.76
DC06-C007-B030	3/4X3	1	5	470	85.27
DC06-C010-B030	1X3	1	5	470	109.64
DC06-C015-B040	1-1/2X4	1	4	470	151.11
DC06-C020-B040	2X4	1	4	470	177.79
DC06-C030-B060	3X6	1	0	470	396.81
DC06-C040-B080	4X8	1	2	470	746.47
DC06-C060-B100	6X10	1	0	470	2426.91
DC06-C080-B120	8X12	1	0	470	4085.25

DC 90° Ell

CPVC Sch 80 x CPVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC06-C005-C020	1/2X2	1	25	470	83.61
DC06-C007-C030	3/4X3	1	10	470	147.61
DC06-C010-C030	1X3	1	5	470	158.36
DC06-C015-C040	1-1/2X4	1	5	470	279.35
DC06-C020-C040	2X4	1	4	470	298.11
DC06-C030-C060	3X6	1	2	470	519.85
DC06-C040-C080	4X8	1	2	470	1199.99
DC06-C060-C100	6X10	1	0	470	2972.03
DC06-C080-C120	8X12	1	0	470	4904.56

DC 90° Ell

CPVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC06-C005-G020	1/2X2	1	23	470	109.38
DC06-C007-G030	3/4X3	1	4	470	277.68
DC06-C010-G030	1X3	1	5	470	288.42
DC06-C015-G040	1-1/2X4	1	8	470	503.29

Double Containment
90° Ells

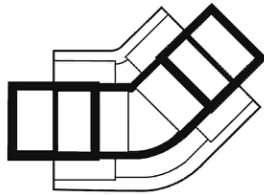


DC 90° Ell
CPVC Sch 80 x PVC Sch 40 Clear
(continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC06-C020-G040	2X4	1	8	470	529.86
DC06-C030-G060	3X6	1	5	470	981.41
DC06-C040-G080	4X8	1	2	470	1673.05



Double Containment 45° Ells



DC 45° Ells are made from standard Spears® pressure fittings in designated material and Schedule selected. Included are separate internal Carrier and external Containment fittings of the same configuration. Carrier fittings are equipped with extenders to facilitate cement assembly. See *Double Containment Design & Installation Guide* for proper installation.

Centralizers are used inside the Containment piping system, but not inside fittings, installed on Carrier pipe and must be ordered separately according to same Carrier x Containment size and pipe schedule selected.

DC 45° Ell PVC Sch 40 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC17-A005-A020	1/2X2	1	25	470	35.52
DC17-A007-A030	3/4X3	1	5	470	50.17
DC17-A010-A030	1X3	1	5	470	51.38
DC17-A015-A040	1-1/2X4	1	5	470	68.27
DC17-A020-A040	2X4	1	4	470	84.16
DC17-A030-A060	3X6	2	0	470	157.27
DC17-A040-A080	4X8	1	3	470	292.29
DC17-A060-A100	6X10	1	0	470	696.24
DC17-A080-A120	8X12	1	0	470	1145.46

DC 45° Ell

PVC Sch 40 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC17-A005-G020	1/2X2	1	25	470	111.24
DC17-A007-G030	3/4X3	1	8	470	321.71
DC17-A010-G030	1X3	1	5	470	322.84
DC17-A015-G040	1-1/2X4	1	5	470	569.01
DC17-A020-G040	2X4	1	4	470	571.93
DC17-A030-G060	3X6	1	2	470	1013.56
DC17-A040-G080	4X8	1	3	470	1222.25

DC 45° Ell PVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC17-B005-A020	1/2X2	1	25	470	51.12
DC17-B007-A030	3/4X3	1	8	470	73.05
DC17-B010-A030	1X3	1	10	470	78.25
DC17-B015-A040	1-1/2X4	1	5	470	110.60
DC17-B020-A040	2X4	1	5	470	132.21
DC17-B030-A060	3X6	1	7	470	277.18
DC17-B040-A080	4X8	1	2	470	468.49
DC17-B060-A100	6X10	1	0	470	932.77
DC17-B080-A120	8X12	1	0	470	1445.42

DC 45° Ell

PVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC17-B005-G020	1/2X2	1	10	470	119.18
DC17-B007-G030	3/4X3	1	8	470	344.60
DC17-B010-G030	1X3	1	5	470	351.22
DC17-B015-G040	1-1/2X4	1	5	470	600.13
DC17-B020-G040	2X4	1	5	470	619.98
DC17-B030-G060	3X6	1	4	470	1133.36
DC17-B040-G080	4X8	1	3	470	1873.04

DC 45° Ell PVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC17-B005-B020	1/2X2	1	10	470	75.16
DC17-B007-B030	3/4X3	1	8	470	125.94
DC17-B010-B030	1X3	1	5	470	136.42
DC17-B015-B040	1-1/2X4	1	5	470	205.97

DC 45° Ell PVC Sch 80 x PVC Sch 80

(continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC17-B020-B040	2X4	1	5	470	214.20
DC17-B030-B060	3X6	1	2	470	357.23
DC17-B040-B080	4X8	1	2	470	623.89
DC17-B060-B100	6X10	1	0	470	1530.56
DC17-B080-B120	8X12	1	0	470	2116.07

DC 45° Ell CPVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC17-C005-A020	1/2X2	1	25	470	53.76
DC17-C007-A030	3/4X3	1	8	470	75.84
DC17-C010-A030	1X3	1	10	470	88.37
DC17-C015-A040	1-1/2X4	1	5	470	141.31
DC17-C020-A040	2X4	1	5	470	165.85
DC17-C030-A060	3X6	1	5	470	271.63
DC17-C040-A080	4X8	1	3	470	542.15
DC17-C060-A100	6X10	1	0	470	1367.03
DC17-C080-A120	8X12	1	0	470	2740.09

DC 45° Ell CPVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC17-C005-B020	1/2X2	1	25	470	77.08
DC17-C007-B030	3/4X3	1	5	470	128.72
DC17-C010-B030	1X3	1	5	470	140.84
DC17-C015-B040	1-1/2X4	1	4	470	160.58
DC17-C020-B040	2X4	1	5	470	185.32
DC17-C030-B060	3X6	1	5	470	382.32
DC17-C040-B080	4X8	1	2	470	697.06
DC17-C060-B100	6X10	1	0	470	1962.17
DC17-C080-B120	8X12	1	0	470	3410.74

DC 45° Ell

CPVC Sch 80 x CPVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC17-C005-C020	1/2X2	1	10	470	87.66
DC17-C007-C030	3/4X3	1	8	470	158.40
DC17-C010-C030	1X3	1	10	470	170.92
DC17-C015-C040	1-1/2X4	1	5	470	246.99
DC17-C020-C040	2X4	1	5	470	271.73
DC17-C030-C060	3X6	1	2	470	617.20
DC17-C040-C080	4X8	1	2	470	1234.23
DC17-C060-C100	6X10	1	0	470	3738.62
DC17-C080-C120	8X12	1	0	470	5136.51

DC 45° Ell

CPVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC17-C005-G020	1/2X2	1	10	470	120.99
DC17-C007-G030	3/4X3	1	8	470	347.38
DC17-C010-G030	1X3	1	10	470	359.89
DC17-C015-G040	1-1/2X4	1	5	470	642.35

**Double Containment
45° Ells**

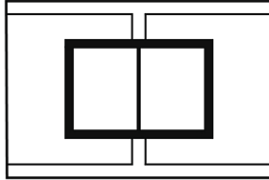


**DC 45° Ell
CPVC Sch 80 x PVC Sch 40 Clear
(continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC17-C020-G040	2X4	1	5	470	653.83
DC17-C030-G060	3X6	1	5	470	1217.66
DC17-C040-G080	4X8	1	3	470	2060.25



Double Containment Couplings



DC Couplings are made from standard Spears® pressure fittings in designated material and Schedule selected. Included are separate internal Carrier and external Containment fittings of the same configuration (no extenders required on Couplings). See *Double Containment Design & Installation Guide* for proper installation.

Centralizers are used inside the Containment piping system, but not inside fittings, installed on Carrier pipe and must be ordered separately according to same Carrier x Containment size and pipe schedule selected.

DC Coupling PVC Sch 40 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC29-A005-A020	1/2X2	1	25	470	2.74
DC29-A007-A030	3/4X3	1	10	470	8.56
DC29-A010-A030	1X3	1	10	470	9.00
DC29-A015-A040	1-1/2X4	1	6	470	13.02
DC29-A020-A040	2X4	1	10	470	13.82
DC29-A030-A060	3X6	1	4	470	44.37
DC29-A040-A080	4X8	1	6	470	79.49
DC29-A060-A100	6X10	1	2	470	234.56
DC29-A080-A120	8X12	1	0	470	462.79

DC Coupling PVC Sch 40 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC29-A005-G020	1/2X2	1	10	470	37.43
DC29-A007-G030	3/4X3	1	10	470	127.42
DC29-A010-G030	1X3	1	10	470	127.79
DC29-A015-G040	1-1/2X4	1	6	470	184.62
DC29-A020-G040	2X4	1	8	470	185.41
DC29-A030-G060	3X6	1	4	470	351.39
DC29-A040-G080	4X8	1	6	470	604.84

DC Coupling PVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC29-B005-A020	1/2X2	1	25	470	8.28
DC29-B007-A030	3/4X3	1	10	470	16.16
DC29-B010-A030	1X3	1	5	470	16.28
DC29-B015-A040	1-1/2X4	1	6	470	25.17
DC29-B020-A040	2X4	1	5	470	26.18
DC29-B030-A060	3X6	1	4	470	77.88
DC29-B040-A080	4X8	1	6	470	119.94
DC29-B060-A100	6X10	1	2	470	309.94
DC29-B080-A120	8X12	1	4	470	546.88

DC Coupling PVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC29-B005-G020	1/2X2	1	10	470	42.88
DC29-B007-G030	3/4X3	1	10	470	134.94
DC29-B010-G030	1X3	1	10	470	135.14
DC29-B015-G040	1-1/2X4	1	6	470	191.47
DC29-B020-G040	2X4	1	8	470	197.78
DC29-B030-G060	3X6	1	4	470	344.32
DC29-B040-G080	4X8	1	4	470	638.11

DC Coupling PVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC29-B005-B020	1/2X2	1	10	470	20.62
DC29-B007-B030	3/4X3	1	5	470	49.59
DC29-B010-B030	1X3	1	5	470	49.80

DC Coupling PVC Sch 80 x PVC Sch 80 (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC29-B015-B040	1-1/2X4	1	5	470	65.61
DC29-B020-B040	2X4	1	8	470	66.61
DC29-B030-B060	3X6	1	8	470	153.25
DC29-B040-B080	4X8	1	4	470	204.03
DC29-B060-B100	6X10	1	2	470	633.80
DC29-B080-B120	8X12	1	0	470	753.85

DC Coupling CPVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC29-C005-A020	1/2X2	1	25	470	8.69
DC29-C007-A030	3/4X3	1	10	470	16.89
DC29-C010-A030	1X3	1	10	470	19.99
DC29-C015-A040	1-1/2X4	1	6	470	34.16
DC29-C020-A040	2X4	1	6	470	37.84
DC29-C030-A060	3X6	1	4	470	100.04
DC29-C040-A080	4X8	1	6	470	151.40
DC29-C060-A100	6X10	1	2	470	394.58
DC29-C080-A120	8X12	1	4	470	925.68

DC Coupling CPVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC29-C005-B020	1/2X2	1	10	470	20.52
DC29-C007-B030	3/4X3	1	5	470	50.40
DC29-C010-B030	1X3	1	5	470	53.51
DC29-C015-B040	1-1/2X4	1	6	470	74.60
DC29-C020-B040	2X4	1	4	470	75.98
DC29-C030-B060	3X6	1	4	470	175.37
DC29-C040-B080	4X8	1	4	470	215.34
DC29-C060-B100	6X10	1	2	470	638.99
DC29-C080-B120	8X12	1	0	470	1132.53

DC Coupling CPVC Sch 80 x CPVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC29-C005-C020	1/2X2	1	10	470	32.68
DC29-C007-C030	3/4X3	1	5	470	72.57
DC29-C010-C030	1X3	1	10	470	75.63
DC29-C015-C040	1-1/2X4	1	5	470	106.07
DC29-C020-C040	2X4	1	8	470	109.73
DC29-C030-C060	3X6	1	4	470	260.06
DC29-C040-C080	4X8	1	4	470	614.33
DC29-C060-C100	6X10	1	2	470	864.21
DC29-C080-C120	8X12	1	0	470	1311.19

DC Coupling CPVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC29-C005-G020	1/2X2	1	10	470	43.28
DC29-C007-G030	3/4X3	1	10	470	135.76

**Double Containment
Couplings**

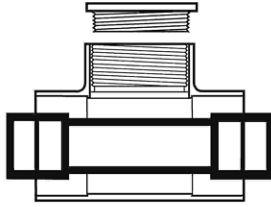


DC Coupling
CPVC Sch 80 x PVC Sch 40 Clear
(continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DC29-C010-G030	1X3	1	10	470	138.85
DC29-C015-G040	1-1/2X4	1	6	470	205.78
DC29-C020-G040	2X4	1	6	470	209.43
DC29-C030-G060	3X6	1	10	470	393.28
DC29-C040-G080	4X8	1	6	470	676.74



Double Containment Access Tees



DC Access Tees are made from standard Spears® pressure fittings in designated material and Schedule selected. Included is an internal Carrier pipe section equipped with couplings and an external Containment Tee fitting equipped with a threaded Plug on the branch for access. See *Double Containment Design & Installation Guide* for proper installation.

Centralizers are used inside the Containment piping system, but not inside fittings, installed on Carrier pipe and must be ordered separately according to same Carrier x Containment size and pipe schedule selected.

DC Access Tee PVC Sch 40 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCAT-A005-A020	1/2X2	1	10	470	42.41
DCAT-A007-A030	3/4X3	1	5	470	70.63
DCAT-A010-A030	1X3	1	5	470	71.51
DCAT-A015-A040	1-1/2X4	1	3	470	100.55
DCAT-A020-A040	2X4	1	5	470	131.16
DCAT-A030-A060	3X6	1	4	470	361.41
DCAT-A040-A080	4X8	1	0	470	753.43
DCAT-A060-A100	6X10	1	0	470	1714.91
DCAT-A080-A120	8X12	1	0	470	2421.59

DC Access Tee PVC Sch 40 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCAT-A005-G020	1/2X2	1	10	470	214.78
DCAT-A007-G030	3/4X3	1	10	470	570.43
DCAT-A010-G030	1X3	1	10	470	571.33
DCAT-A015-G040	1-1/2X4	1	6	470	939.09
DCAT-A020-G040	2X4	1	6	470	951.28
DCAT-A030-G060	3X6	1	4	470	1291.93
DCAT-A040-G080	4X8	1	0	470	2371.73

DC Access Tee PVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCAT-B005-A020	1/2X2	1	10	470	53.53
DCAT-B007-A030	3/4X3	1	10	470	85.66
DCAT-B010-A030	1X3	1	6	470	86.09
DCAT-B015-A040	1-1/2X4	1	6	470	124.87
DCAT-B020-A040	2X4	1	6	470	137.48
DCAT-B030-A060	3X6	1	4	470	428.44
DCAT-B040-A080	4X8	1	2	470	834.27
DCAT-B060-A100	6X10	1	0	470	1878.81
DCAT-B080-A120	8X12	1	0	470	2680.34

DC Access Tee PVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCAT-B005-G020	1/2X2	1	10	470	259.34
DCAT-B007-G030	3/4X3	1	10	470	585.48
DCAT-B010-G030	1X3	1	10	470	585.78
DCAT-B015-G040	1-1/2X4	1	3	470	962.09
DCAT-B020-G040	2X4	1	6	470	965.43
DCAT-B030-G060	3X6	1	4	470	1358.95
DCAT-B040-G080	4X8	1	2	470	2452.57

DC Access Tee PVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCAT-B005-B020	1/2X2	1	5	470	88.87
DCAT-B007-B030	3/4X3	1	5	470	162.11
DCAT-B010-B030	1X3	1	5	470	162.64

DC Access Tee PVC Sch 80 x PVC Sch 80

(continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCAT-B015-B040	1-1/2X4	1	5	470	278.77
DCAT-B020-B040	2X4	1	5	470	291.37
DCAT-B030-B060	3X6	1	4	470	643.88
DCAT-B040-B080	4X8	1	2	470	1069.58
DCAT-B060-B100	6X10	1	0	470	2897.51
DCAT-B080-B120	8X12	1	0	470	3523.17

DC Access Tee CPVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCAT-C007-A030	3/4X3	1	5	470	87.29
DCAT-C010-A030	1X3	1	6	470	93.51
DCAT-C015-A040	1-1/2X4	1	6	470	142.84
DCAT-C020-A040	2X4	1	6	470	160.77
DCAT-C030-A060	3X6	1	4	470	459.55
DCAT-C040-A080	4X8	1	2	470	895.64
DCAT-C060-A100	6X10	1	0	470	2048.17
DCAT-C080-A120	8X12	1	0	470	2678.48

DC Access Tee CPVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCAT-C005-B020	1/2X2	1	10	470	89.66
DCAT-C007-B030	3/4X3	1	5	470	163.71
DCAT-C010-B030	1X3	1	5	470	169.93
DCAT-C015-B040	1-1/2X4	1	5	470	235.75
DCAT-C020-B040	2X4	1	5	470	314.66
DCAT-C030-B060	3X6	1	4	470	712.05
DCAT-C040-B080	4X8	1	2	470	1330.55
DCAT-C060-B100	6X10	1	0	470	2849.31
DCAT-C080-B120	8X12	1	0	470	4457.02

DC Access Tee CPVC Sch 80 x CPVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCAT-C005-C020	1/2X2	1	10	470	149.91
DCAT-C007-C030	3/4X3	1	5	470	495.66
DCAT-C010-C030	1X3	1	6	470	500.42
DCAT-C015-C040	1-1/2X4	1	5	470	707.60
DCAT-C020-C040	2X4	1	5	470	714.94
DCAT-C030-C060	3X6	1	4	470	1530.16
DCAT-C040-C080	4X8	1	2	470	3886.15
DCAT-C060-C100	6X10	1	0	470	4155.95
DCAT-C080-C120	8X12	1	0	470	6333.11

DC Access Tee CPVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCAT-C005-G020	1/2X2	1	10	470	278.92
DCAT-C007-G030	3/4X3	1	5	470	587.09
DCAT-C010-G030	1X3	1	5	470	593.32

**Double Containment
Access Tees**

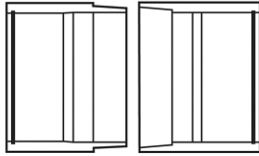


DC Access Tee
CPVC Sch 80 x PVC Sch 40 Clear
(continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCAT-C015-G040	1-1/2X4	1	3	470	981.39
DCAT-C020-G040	2X4	1	6	470	988.74
DCAT-C030-G060	3X6	1	4	470	1413.88
DCAT-C040-G080	4X8	1	2	470	2525.98



Double Containment Closure Fittings



DC Closure Fittings are special split couplings for joining meeting runs of Containment piping, such as before the final Termination Fitting. Closure Fittings consist of a male component and a female component. An internal O-ring on each component serves as a "cement-wiper" during installation to assure a proper joint. A "One-step" type cement should be used to facilitate rapid assembly. See *Double Containment Design & Installation Guide* for proper installation.

Centralizers are used inside the Containment piping system, but not inside fittings, installed on Carrier pipe and must be ordered separately according to same Carrier x Containment size and pipe schedule selected.

DC Closure Fitting PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCCF-A030	3	1	10	470	469.84
DCCF-A040	4	1	5	470	481.39
DCCF-A060	6	1	2	470	500.98
DCCF-A080	8	1	0	470	691.06
DCCF-A100	10	1	2	470	762.33
DCCF-A120	12	1	2	470	1204.21

DC Closure Fitting PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCCF-B020	2	1	10	470	469.42
DCCF-B030	3	1	10	470	477.47
DCCF-B040	4	1	5	470	491.98
DCCF-B060	6	1	2	470	521.09
DCCF-B080	8	1	3	470	690.85
DCCF-B100	10	1	2	470	916.82
DCCF-B120	12	1	0	470	1469.69

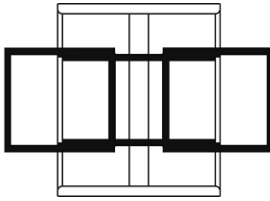
DC Closure Fitting CPVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCCF-C020	2	1	10	470	476.56
DCCF-C030	3	1	10	470	496.43
DCCF-C040	4	1	5	470	518.13
DCCF-C060	6	1	2	470	631.55
DCCF-C080	8	1	3	470	849.59
DCCF-C100	10	1	2	470	1581.61
DCCF-C120	12	1	0	470	2509.35

DC Closure Fitting PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCCF-G030	3	1	10	470	524.27
DCCF-G040	4	1	5	470	544.68
DCCF-G060	6	1	2	470	646.06
DCCF-G080	8	1	6	470	960.03

Double Containment Isolation Couplers



DC Isolation Couplers are to isolate a containment section for improved location identification if a leak is detected. When cemented into place, a suitable seal is formed for isolation of the containment sections. See *Double Containment Design & Installation Guide* for proper installation.

Centralizers are used inside the Containment piping system, but not inside fittings, installed on Carrier pipe and must be ordered separately according to same Carrier x Containment size and pipe schedule selected.

DC Isolation Coupler PVC Sch 40 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCDB-A005-A020	1/2X2	1	5	470	34.66
DCDB-A007-A030	3/4X3	1	5	470	55.20
DCDB-A010-A030	1X3	1	5	470	55.48
DCDB-A015-A040	1-1/2X4	1	6	470	61.19
DCDB-A020-A040	2X4	1	4	470	65.41
DCDB-A030-A060	3X6	1	4	470	104.88
DCDB-A040-A080	4X8	1	4	470	150.91
DCDB-A060-A100	6X10	1	10	470	201.48
DCDB-A080-A120	8X12	1	0	470	340.80

DC Isolation Coupler PVC Sch 40 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCDB-A005-G020	1/2X2	1	5	470	80.06
DCDB-A007-G030	3/4X3	1	5	470	98.96
DCDB-A010-G030	1X3	1	5	470	207.14
DCDB-A015-G040	1-1/2X4	1	4	470	238.53
DCDB-A020-G040	2X4	1	4	470	246.84
DCDB-A030-G060	3X6	1	4	470	270.03
DCDB-A040-G080	4X8	1	4	470	340.58

DC Isolation Coupler PVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCDB-B005-A020	1/2X2	1	5	470	50.03
DCDB-B007-A030	3/4X3	1	5	470	59.91
DCDB-B010-A030	1X3	1	4	470	66.08
DCDB-B015-A040	1-1/2X4	1	4	470	70.66
DCDB-B020-A040	2X4	1	4	470	76.37
DCDB-B030-A060	3X6	1	5	470	109.55
DCDB-B040-A080	4X8	1	4	470	164.01
DCDB-B060-A100	6X10	1	0	470	214.33
DCDB-B080-A120	8X12	1	0	470	368.66

DC Isolation Coupler PVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCDB-B005-G020	1/2X2	1	5	470	105.58
DCDB-B010-G030	1X3	1	5	470	211.97
DCDB-B015-G040	1-1/2X4	1	4	470	274.21
DCDB-B020-G040	2X4	1	4	470	300.16
DCDB-B030-G060	3X6	1	5	470	333.31
DCDB-B040-G080	4X8	1	4	470	393.49

DC Isolation Coupler PVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCDB-B005-B020	1/2X2	1	5	470	127.97
DCDB-B007-B030	3/4X3	1	5	470	156.97
DCDB-B010-B030	1X3	1	5	470	188.31
DCDB-B015-B040	1-1/2X4	1	4	470	198.65

DC Isolation Coupler PVC Sch 80 x PVC Sch 80

(continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCDB-B020-B040	2X4	1	4	470	209.66
DCDB-B030-B060	3X6	1	4	470	226.51
DCDB-B040-B080	4X8	1	4	470	245.25
DCDB-B060-B100	6X10	1	0	470	251.23
DCDB-B080-B120	8X12	1	0	470	413.15

DC Isolation Coupler CPVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCDB-C005-A020	1/2X2	1	5	470	51.38
DCDB-C007-A030	3/4X3	1	5	470	68.91
DCDB-C010-A030	1X3	1	5	470	69.67
DCDB-C015-A040	1-1/2X4	1	4	470	81.77
DCDB-C020-A040	2X4	1	4	470	114.37
DCDB-C030-A060	3X6	1	5	470	185.21
DCDB-C040-A080	4X8	1	4	470	312.12
DCDB-C060-A100	6X10	1	0	470	480.38
DCDB-C080-A120	8X12	1	0	470	529.17

DC Isolation Coupler CPVC Sch 80 x Sch 80 Gray

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCDB-C005-B020	1/2X2	1	5	470	51.81
DCDB-C007-B030	3/4X3	1	5	470	60.98
DCDB-C010-B030	1X3	1	5	470	61.76
DCDB-C015-B040	1-1/2X4	1	4	470	86.92
DCDB-C020-B040	2X4	1	4	470	119.49
DCDB-C030-B060	3X6	1	5	470	195.22
DCDB-C040-B080	4X8	1	4	470	329.80
DCDB-C060-B100	6X10	1	0	470	517.32
DCDB-C080-B120	8X12	1	0	470	555.64

DC Isolation Coupler CPVC Sch 80 x CPVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCDB-C005-C020	1/2X2	1	4	470	105.31
DCDB-C007-C030	3/4X3	1	5	470	116.43
DCDB-C010-C030	1X3	1	5	470	244.78
DCDB-C015-C040	1-1/2X4	1	4	470	265.84
DCDB-C020-C040	2X4	1	4	470	297.64
DCDB-C030-C060	3X6	1	4	470	385.98
DCDB-C040-C080	4X8	1	4	470	393.65
DCDB-C060-C100	6X10	1	0	470	658.07
DCDB-C080-C120	8X12	1	0	470	1023.19

DC Isolation Coupler CPVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCDB-C005-G020	1/2X2	1	5	470	111.40
DCDB-C007-G030	3/4X3	1	5	470	122.60
DCDB-C010-G030	1X3	1	5	470	254.71



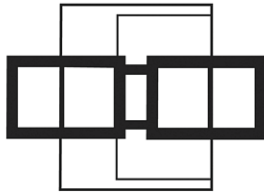
Double Containment Isolation Couplers

DC Isolation Coupler

CPVC Sch 80 x PVC Sch 40 Clear (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCDB-C015-G040	1-1/2X4	1	4	470	348.33
DCDB-C020-G040	2X4	1	4	470	380.89
DCDB-C030-G060	3X6	1	5	470	404.78

Double Containment Termination Fittings



DC Termination Fittings are a special configuration for starting or stopping the containment portion of a system. Termination Fittings consist of a reducer coupling to accept the Containment pipe that is pre-fabricated to an internal extender coupling for connection to existing Carrier system. See *Double Containment Design & Installation Guide* for proper installation.

Centralizers are used inside the Containment piping system, but not inside fittings, installed on Carrier pipe and must be ordered separately according to same Carrier x Containment size and pipe schedule selected.

DC Termination Fitting PVC Sch 40 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCTM-A005-A020	1/2X2	8	0	470	114.81
DCTM-A007-A030	3/4X3	1	7	470	120.80
DCTM-A010-A030	1X3	9	0	470	126.52
DCTM-A015-A040	1-1/2X4	4	0	470	136.57
DCTM-A020-A040	2X4	4	0	470	143.38
DCTM-A030-A060	3X6	1	2	470	195.61
DCTM-A040-A080	4X8	1	3	470	255.15
DCTM-A060-A100	6X10	1	2	470	483.08
DCTM-A080-A120	8X12	1	2	470	781.44

DC Termination Fitting PVC Sch 40 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCTM-A005-G020	1/2X2	8	0	470	149.42
DCTM-A007-G030	3/4X3	1	7	470	244.51
DCTM-A010-G030	1X3	1	9	470	245.39
DCTM-A015-G040	1-1/2X4	1	4	470	308.18
DCTM-A020-G040	2X4	1	4	470	315.08
DCTM-A030-G060	3X6	1	2	470	488.85
DCTM-A040-G080	4X8	1	3	470	780.49

DC Termination Fitting PVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCTM-B005-A020	1/2X2	8	0	470	125.94
DCTM-B007-A030	3/4X3	9	0	470	140.68
DCTM-B010-A030	1X3	8	0	470	141.09
DCTM-B015-A040	1-1/2X4	4	0	470	160.91
DCTM-B020-A040	2X4	5	0	470	168.21
DCTM-B030-A060	3X6	1	4	470	262.64
DCTM-B040-A080	4X8	1	3	470	335.99
DCTM-B060-A100	6X10	1	0	470	639.71
DCTM-B080-A120	8X12	1	3	470	949.65

DC Termination Fitting PVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCTM-B005-G020	1/2X2	9	0	470	165.12
DCTM-B007-G030	3/4X3	10	0	470	263.33
DCTM-B010-G030	1X3	8	0	470	263.75
DCTM-B015-G040	1-1/2X4	1	4	470	335.91
DCTM-B020-G040	2X4	5	0	470	342.66
DCTM-B030-G060	3X6	1	2	470	561.39
DCTM-B040-G080	4X8	1	3	470	985.48

DC Termination Fitting PVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCTM-B005-B020	1/2X2	10	0	470	142.87
DCTM-B007-B030	3/4X3	8	0	470	177.99
DCTM-B010-B030	1X3	8	0	470	178.41

DC Termination Fitting PVC Sch 80 x PVC Sch 80

(continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCTM-B015-B040	1-1/2X4	4	0	470	204.19
DCTM-B020-B040	2X4	4	0	470	211.48
DCTM-B030-B060	3X6	1	2	470	343.53
DCTM-B040-B080	4X8	1	2	470	427.39
DCTM-B060-B100	6X10	1	2	470	976.65
DCTM-B080-B120	8X12	1	3	470	1177.33

DC Termination Fitting CPVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCTM-C005-A020	1/2X2	8	0	470	126.73
DCTM-C007-A030	3/4X3	1	8	470	142.28
DCTM-C010-A030	1X3	8	0	470	148.53
DCTM-C015-A040	1-1/2X4	4	0	470	178.88
DCTM-C020-A040	2X4	3	0	470	191.52
DCTM-C030-A060	3X6	1	2	470	306.99
DCTM-C040-A080	4X8	1	3	470	398.96
DCTM-C060-A100	6X10	1	2	470	808.09
DCTM-C080-A120	8X12	1	3	470	1707.23

DC Termination Fitting CPVC Sch 80 x Sch 80 Gray

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCTM-C005-B020	1/2X2	8	0	470	143.67
DCTM-C007-B030	3/4X3	8	0	470	179.60
DCTM-C010-B030	1X3	8	0	470	185.82
DCTM-C015-B040	1-1/2X4	4	0	470	222.14
DCTM-C020-B040	2X4	1	4	470	234.79
DCTM-C030-B060	3X6	1	2	470	387.78
DCTM-C040-B080	4X8	1	3	470	490.34
DCTM-C060-B100	6X10	1	2	470	1146.08
DCTM-C080-B120	8X12	1	3	470	1934.75

DC Termination Fitting CPVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCTM-C005-G020	1/2X2	8	0	470	171.46
DCTM-C007-G030	3/4X3	10	0	470	283.14
DCTM-C010-G030	1X3	1	9	470	294.12
DCTM-C015-G040	1-1/2X4	10	0	470	385.94
DCTM-C020-G040	2X4	3	0	470	398.59
DCTM-C030-G060	3X6	1	15	470	674.59
DCTM-C040-G080	4X8	1	3	470	1021.40

DC Termination Fitting CPVC Sch 80 x CPVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCTM-C005-C020	1/2X2	9	0	470	215.23
DCTM-C007-C030	3/4X3	8	0	470	219.94
DCTM-C010-C030	1X3	4	0	470	226.16
DCTM-C015-C040	1-1/2X4	4	0	470	286.26



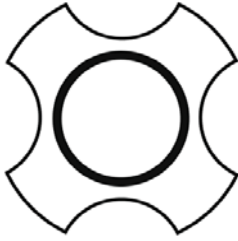
Double Containment Termination Fittings

DC Termination Fitting CPVC Sch 80 x CPVC Sch 80

(continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
DCTM-C020-C040	2X4	4	0	470	298.88
DCTM-C030-C060	3X6	1	3	470	541.38
DCTM-C040-C080	4X8	1	2	470	967.82
DCTM-C060-C100	6X10	1	2	470	1473.00
DCTM-C080-C120	8X12	1	3	470	2368.27

Double Containment Centralizers



Centralizers are a simple slip-on design that are positioned and held in place by a few wraps of clean-room adhesive on each side. Centralizers hold the Carrier piping centrally located within the Containment piping and are designed with an annular space for routing of leak detection cable, if used. See *Double Containment Design & Installation Guide* for proper installation.

The following Spacing Chart can be used as a guide for determining the quantity of Centralizers needed, based on temperature and Carrier pipe size and schedule selected.

RECOMMENDED MINIMUM CENTRALIZER SUPPORT SPACING (ft.) *

Carrier Size (in.)	PVC SCHEDULE 40 CARRIER					PVC SCHEDULE 80 CARRIER					CPVC SCHEDULE 80 CARRIER					
	Temperature °F					Temperature °F					Temperature °F					
	60°	80°	100°	120°	140°	60°	80°	100°	120°	140°	73°	100°	120°	140°	160°	180°
1/2	4-1/2	4-1/2	4	2-1/2	2-1/2	5	4-1/2	4-1/2	3	2-1/2	5-1/2	5	4-1/2	4-1/2	3	2-1/2
3/4	5	4-1/2	4	2-1/2	2-1/2	5-1/2	5	4-1/2	3	2-1/2	5-1/2	5-1/2	5	4-1/2	3	2-1/2
1	5-1/2	5	4-1/2	3	2-1/2	6	5-1/2	5	3-1/2	3	6	6	5-1/2	5	3-1/2	2
1-1/2	6	5-1/2	5	3-1/2	3	6-1/2	6	5-1/2	3-1/2	3-1/2	7	6-1/2	6	5-1/2	3-1/2	3-1/2
2	6	5-1/2	5	3-1/2	3	7	6-1/2	6	4	3-1/2	7	7	6-1/2	6	4	3-1/2
3	7	7	6	4	3-1/2	8	7-1/2	7	4-1/2	4	8	8	7-1/2	7	4-1/2	4
4	7-1/2	7	6-1/2	4-1/2	4	9	8-1/2	7-1/2	5	4-1/2	9	8-1/2	8	7-1/2	5	4-1/2
6	8-1/2	8	7-1/2	5	4-1/2	10	9-1/2	9	6	5	10	9-1/2	9	8	5-1/2	5
8	9	8-1/2	8	5	4-1/2	11	10-1/2	9-1/2	6-1/2	5-1/2	11	10-1/2	10	9	6	5-1/2
10	10	9	8-1/2	5-1/2	5	12	11	10	7	6	11-1/2	11	10-1/2	9-1/2	6-1/2	6
12	11-1/2	10-1/2	9-1/2	6-1/2	5-1/2	13	12	10-1/2	7-1/2	6-1/2	12-1/2	12	11-1/2	10-1/2	7-1/2	6-1/2

Note: Specified minimum spacing can also be used for system support according to the secondary Containment pipe size and schedule used. Where practical, system support should correspond to internal carrier support (centralizers) to minimize concentrated point loads.

* **Note:** Data furnished is based on raw material manufacturer's information. This information can be considered a reliable recommendation, but not a guarantee. Actual service conditions and system parameters should be evaluated by qualified personnel.

DC Centralizer IPS O.D. x Sch 40 White I.D.

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
Carrier x Containment					
DCCT-H005-A020	1/2X2	55	330	470	13.23
DCCT-H007-A030	3/4X3	55	220	470	14.73
DCCT-H010-A030	1X3	55	220	470	14.73
DCCT-H015-A040	1-1/2X4	55	0	470	19.11
DCCT-H020-A040	2X4	55	0	470	19.11
DCCT-H030-A060	3X6	55	0	470	24.41
DCCT-H040-A080	4X8	55	0	470	30.16
DCCT-H060-A100	6X10	25	0	470	39.13
DCCT-H080-A120	8X12	25	0	470	49.13

DC Centralizer IPS O.D. x Sch 80 CPVC I.D.

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
Carrier x Containment					
DCCT-H005-C020	1/2X2	55	330	470	13.23
DCCT-H007-C030	3/4X3	55	220	470	14.73
DCCT-H010-C030	1X3	55	220	470	14.73
DCCT-H015-C040	1-1/2X4	55	0	470	19.11
DCCT-H020-C040	2X4	55	0	470	19.11
DCCT-H030-C060	3X6	55	0	470	24.41
DCCT-H040-C080	4X8	55	0	470	30.16
DCCT-H060-C100	6X10	1	24	470	39.13
DCCT-H080-C120	8X12	20	0	470	49.13

DC Centralizer IPS O.D. x Sch 40 Clear I.D.

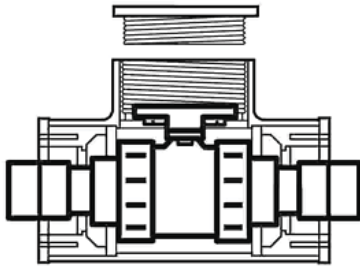
Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
Carrier x Containment					
DCCT-H005-G020	1/2X2	55	330	470	13.23
DCCT-H007-G020	3/4X2	55	330	470	13.23
DCCT-H010-G030	1X3	55	220	470	14.73
DCCT-H015-G040	1-1/2X4	55	220	470	19.11
DCCT-H020-G040	2X4	55	0	470	19.11
DCCT-H030-G060	3X6	55	0	470	24.41
DCCT-H040-G080	4X8	55	0	470	30.16

DC Centralizer IPS O.D. x Sch 80 PVC I.D.

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
Carrier x Containment					
DCCT-H005-B020	1/2X2	55	330	470	13.23
DCCT-H007-B020	3/4X2	55	330	470	13.23
DCCT-H010-B030	1X3	55	220	470	14.73
DCCT-H015-B040	1-1/2X4	55	0	470	19.11
DCCT-H020-B040	2X4	55	0	470	19.11
DCCT-H030-B060	3X6	55	0	470	24.41
DCCT-H040-B080	4X8	55	0	470	30.16
DCCT-H060-B100	6X10	25	0	470	39.13
DCCT-H080-B120	8X12	20	0	470	49.13



Double Containment Ball Valve Box With Valve



DC Ball Valve Boxes are made from a standard Spears® Tee fitting in designated material and Schedule selected, which is fitted with Carrier pipe size Ball Valve and bushed to specified Containment size. Includes Containment Valve Box fitting with threaded Access Plug, True Union 2000 Industrial Ball Valve with Lockout Handle and Centralizers for positioning valve in box. Carrier valves are equipped with extenders to facilitate cement assembly. See *Double Containment Design & Installation Guide* for proper installation.

True Union 2000 Industrial Ball Valve Specifications, Sizes 1/2" - 2":

Material: PVC/CPVC
 Seats: PTFE
 Seals: EPDM/FKM
 PR, Water: 235 psi @ 73°F (23°C), 1/2" - 2"

Maximum Service Temperature
 PVC = 140°F (60°C)
 CPVC = 200°F (93°C)

Temperature/Pressure De-ratings Apply
 All Valves assembled with Silicone-Free,
 Water Soluble Lubricant

Contact Spears® for Pricing & Availability on Additional Sizes, Optional External Stem & Handle Extensions, Custom Elastomer Seals, or Seat & Seal Repair Kits

While Valve Boxes include Centralizers for valve, additional Centralizers are used inside the Containment piping system installed on Carrier pipe and must be ordered separately according to same Carrier x Containment size and pipe schedule selected.

Valve Box, with PVC True Union 2000 Industrial Ball Valve PVC Sch 40 x PVC Sch 40

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1/2X2	VBA20-A005-A020 294.92	VBA30-A005-A020 300.11	1	0	470
3/4X3	VBA20-A007-A030 307.17	VBA30-A007-A030 313.34	1	5	470
1X3	VBA20-A010-A030 315.89	VBA30-A010-A030 323.29	1	0	470
1-1/2X4	VBA20-A015-A040 542.13	VBA30-A015-A040 554.06	1	0	470
2X4	VBA20-A020-A040 616.43	VBA30-A020-A040 576.02	1	0	470

Valve Box, with PVC True Union 2000 Industrial Ball Valve PVC Sch 40 x PVC Sch 40 Clear

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1/2X2	VBA20-A005-G020 1308.18	VBA30-A005-G020 1313.37	1	0	470
3/4X3	VBA20-A007-G030 1316.97	VBA30-A007-G030 1323.14	1	0	470
1X3	VBA20-A010-G030 1327.69	VBA30-A010-G030 1336.14	1	0	470
1-1/2X4	VBA20-A015-G040 2387.56	VBA30-A015-G040 2399.48	1	0	470
2X4	VBA20-A020-G040 2423.22	VBA30-A020-G040 2438.36	1	0	470

Valve Box, with PVC True Union 2000 Industrial Ball Valve PVC Sch 80 x PVC Sch 40

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1/2X2	VBA20-B005-A020 309.49	VBA30-B005-A020 314.69	1	5	470
3/4X3	VBA20-B007-A030 322.21	VBA30-B007-A030 328.37	1	0	470

Valve Box, with PVC True Union 2000 Industrial Ball Valve PVC Sch 80 x PVC Sch 40 (continued)

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1X3	VBA20-B010-A030 333.06	VBA30-B010-A030 626.58	1	0	470
1-1/2X4	VBA20-B015-A040 575.59	VBA30-B015-A040 730.40	1	0	470
2X4	VBA20-B020-A040 633.16	VBA30-B020-A040 758.16	1	0	470

Valve Box, with PVC True Union 2000 Industrial Ball Valve PVC Sch 80 x PVC Sch 40 Clear

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1/2X2	VBA20-B005-G020 1318.61	VBA30-B005-G020 1323.80	1	0	470
3/4X3	VBA20-B007-G030 1332.08	VBA30-B007-G030 1338.25	1	0	470
1X3	VBA20-B010-G030 1342.87	VBA30-B010-G030 1350.54	1	0	470
1-1/2X4	VBA20-B015-G040 2417.84	VBA30-B015-G040 2429.78	1	0	470
2X4	VBA20-B020-G040 2454.53	VBA30-B020-G040 2469.04	1	0	470

Valve Box, with PVC True Union 2000 Industrial Ball Valve PVC Sch 80 x PVC Sch 80

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1/2X2	VBA20-B005-B020 441.42	VBA30-B005-B020 623.96	1	0	470
3/4X3	VBA20-B007-B030 632.26	VBA30-B007-B030 638.43	1	0	470
1X3	VBA20-B010-B030 642.33	VBA30-B010-B030 649.38	1	0	470
1-1/2X4	VBA20-B015-B040 833.28	VBA30-B015-B040 845.34	1	0	470

**Double Containment
Ball Valve Box With Valve**



Valve Box, with PVC True Union 2000 Industrial Ball Valve

PVC Sch 80 x PVC Sch 80 (continued)

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
2X4	VBA20-B020-B040 978.56	VBA30-B020-B040 993.17	1	0	470

Valve Box, with CPVC True Union 2000 Industrial Ball Valve

CPVC Sch 80 x PVC Sch 40

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1/2X2	VBA20-C005-A020 333.21	VBA30-C005-A020 340.00	1	0	470
3/4X3	VBA20-C007-A030 345.96	VBA30-C007-A030 354.54	1	0	470
1X3	VBA20-C010-A030 366.87	VBA30-C010-A030 377.03	1	0	470
1-1/2X4	VBA20-C015-A040 649.68	VBA30-C015-A040 683.83	1	0	470
2X4	VBA20-C020-A040 698.25	VBA30-C020-A040 1075.27	1	0	470

Valve Box, with CPVC True Union 2000 Industrial Ball Valve

CPVC Sch 80 x PVC Sch 80

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1/2X2	VBA20-C005-B020 635.17	VBA30-C005-B020 641.96	1	0	470
3/4X3	VBA20-C007-B030 656.06	VBA30-C007-B030 664.63	1	5	470
1X3	VBA20-C010-B030 676.92	VBA30-C010-B030 687.08	1	4	470
1-1/2X4	VBA20-C015-B040 1009.69	VBA30-C015-B040 1027.96	1	3	470
2X4	VBA20-C020-B040 1068.99	VBA30-C020-B040 1099.72	1	5	470

Valve Box, with CPVC True Union 2000 Industrial Ball Valve

CPVC Sch 80 x CPVC Sch 80

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1/2X2	VBA20-C005-C020 959.13	VBA30-C005-C020 965.91	1	0	470
3/4X3	VBA20-C007-C030 983.27	VBA30-C007-C030 991.85	1	3	470
1X3	VBA20-C010-C030 1024.84	VBA30-C010-C030 1839.80	1	3	470
1-1/2X4	VBA20-C015-C040 1983.59	VBA30-C015-C040 2000.69	1	3	470
2X4	VBA20-C020-C040 2042.49	VBA30-C020-C040 2073.22	1	5	470

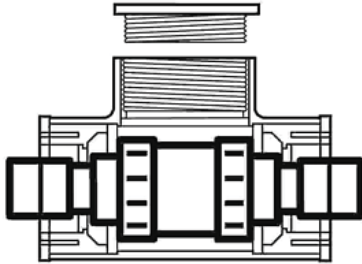
Valve Box, with CPVC True Union 2000 Industrial Ball Valve

CPVC Sch 80 x PVC Sch 40 Clear

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1/2X2	VBA20-C005-G020 1334.95	VBA30-C005-G020 1341.73	1	4	470
3/4X3	VBA20-C007-G030 1355.83	VBA30-C007-G030 1364.40	1	0	470
1X3	VBA20-C010-G030 1376.68	VBA30-C010-G030 1410.68	1	5	470
1-1/2X4	VBA20-C015-G040 2480.95	VBA30-C015-G040 920.21	1	0	470
2X4	VBA20-C020-G040 2540.12	VBA30-C020-G040 2570.85	1	0	470



Double Containment Ball Check Valve Box With Valve



DC Ball Check Valve Boxes are made from a standard Spears® Tee fitting in designated material and Schedule selected, which is fitted with Carrier pipe size Ball Check Valve and bushed to specified Containment size. Includes Containment Valve Box fitting with threaded Access Plug, True Union 2000 Industrial Ball Check Valve and Centralizers for positioning valve in box. Carrier valves are equipped with extenders to facilitate cement assembly. See *Double Containment Design & Installation Guide* for proper installation.

True Union 2000 Industrial Ball Check Valve Specifications,
Sizes 1/2" - 2":

Material: PVC/CPVC
Seals: EPDM/FKM
PR, Water: 235 psi @ 73°F (23°C), 1/2" - 2"

Maximum Service Temperature
PVC = 140°F (60°C)
CPVC = 200°F (93°C)

Temperature/Pressure De-ratings Apply
All Valves assembled with Silicone-Free,
Water Soluble Lubricant

Contact Spears® for Pricing & Availability on Additional Sizes, Custom Elastomer Seals, or Seat & Seal Repair Kits

General Installation Information: Ball check valves may be installed in either horizontal or vertical position. A minimum of ten (10) pipe diameters' distance maintained from any pump or other source of turbulence. Check valves **MUST** be installed with the valve's FLOW arrow pointing in the direction of flow.

While Valve Boxes include Centralizers for valve, additional Centralizers are used inside the Containment piping system installed on Carrier pipe and must be ordered separately according to same Carrier x Containment size and pipe schedule selected.

Valve Box, with PVC True Union 2000 Industrial Ball Check Valve PVC Sch 40 x PVC Sch 40

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1/2X2	VBC2-A005-A020	VBC3-A005-A020	1	4	470
	299.28	305.95			
3/4X3	VBC2-A007-A030	VBC3-A007-A030	1	4	470
	309.68	316.97			
1X3	VBC2-A010-A030	VBC3-A010-A030	1	0	470
	322.39	330.92			
1-1/2X4	VBC2-A015-A040	VBC3-A015-A040	1	3	470
	567.82	581.57			
2X4	VBC2-A020-A040	VBC3-A020-A040	1	3	470
	615.11	634.17			

Valve Box, with PVC True Union 2000 Industrial Ball Check Valve PVC Sch 40 x PVC Sch 40 Clear

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1/2X2	VBC2-A005-G020	VBC3-A005-G020	1	4	470
	1314.63	1320.35			
3/4X3	VBC2-A007-G030	VBC3-A007-G030	1	4	470
	1324.80	1332.08			
1X3	VBC2-A010-G030	VBC3-A010-G030	1	3	470
	1337.51	1346.06			
1-1/2X4	VBC2-A015-G040	VBC3-A015-G040	1	3	470
	2409.67	2423.43			
2X4	VBC2-A020-G040	VBC3-A020-G040	1	3	470
	2456.83	2475.89			

Valve Box, with PVC True Union 2000 Industrial Ball Check Valve PVC Sch 80 x PVC Sch 40

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1/2X2	VBC2-B005-A020	VBC3-B005-A020	1	4	470
	315.68	322.36			
3/4X3	VBC2-B007-A030	VBC3-B007-A030	1	4	470
	330.01	337.29			

Valve Box, with PVC True Union 2000 Industrial Ball Check Valve PVC Sch 80 x PVC Sch 40 (continued)

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1X3	VBC2-B010-A030	VBC3-B010-A030	1	3	470
	342.27	344.14			
1-1/2X4	VBC2-B015-A040	VBC3-B015-A040	1	3	470
	592.16	605.89			
2X4	VBC2-B020-A040	VBC3-B020-A040	1	3	470
	639.71	658.77			

Valve Box, with PVC True Union 2000 Industrial Ball Check Valve PVC Sch 80 x PVC Sch 40 Clear

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1/2X2	VBC2-B005-G020	VBC3-B005-G020	1	4	470
	1325.52	1332.20			
3/4X3	VBC2-B007-G030	VBC3-B007-G030	1	4	470
	1339.84	1347.13			
1X3	VBC2-B010-G030	VBC3-B010-G030	1	3	470
	1352.11	605.89			
1-1/2X4	VBC2-B015-G040	VBC3-B015-G040	1	3	470
	2434.01	2447.75			
2X4	VBC2-B020-G040	VBC3-B020-G040	1	3	470
	2481.47	1029.38			

Valve Box, with PVC True Union 2000 Industrial Ball Check Valve PVC Sch 80 x PVC Sch 80

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1/2X2	VBC2-B005-B020	VBC3-B005-B020	1	4	470
	625.76	631.72			
3/4X3	VBC2-B007-B030	VBC3-B007-B030	1	4	470
	640.07	647.36			
1X3	VBC2-B010-B030	VBC3-B010-B030	1	3	470
	652.33	459.32			
1-1/2X4	VBC2-B015-B040	VBC3-B015-B040	1	3	470
	962.69	976.44			

**Double Containment
Ball Check Valve Box With Valve**



**Valve Box, with PVC True Union 2000 Industrial Ball
Check Valve**

PVC Sch 80 x PVC Sch 80 (continued)

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
2X4	VBC2-B020-B040 1010.31	VBC3-B020-B040 1029.36	1	3	470

**Valve Box, with CPVC True Union 2000 Industrial Ball
Check Valve**

CPVC Sch 80 x PVC Sch 40

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1/2X2	VBC2-C005-A020 346.80	VBC3-C005-A020 355.59	1	4	470
3/4X3	VBC2-C007-A030 366.97	VBC3-C007-A030 377.31	1	4	470
1X3	VBC2-C010-A030 391.71	VBC3-C010-A030 402.03	1	3	470
1-1/2X4	VBC2-C015-A040 702.31	VBC3-C015-A040 723.06	1	4	470
2X4	VBC2-C020-A040 772.92	VBC3-C020-A040 801.65	1	4	470

**Valve Box, with CPVC True Union 2000 Industrial Ball
Check Valve**

CPVC Sch 80 x PVC Sch 80

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1/2X2	VBC2-C005-B020 651.59	VBC3-C005-B020 660.37	1	4	470
3/4X3	VBC2-C007-B030 671.76	VBC3-C007-B030 682.09	1	4	470
1X3	VBC2-C010-B030 694.81	VBC3-C010-B030 706.97	1	3	470
1-1/2X4	VBC2-C015-B040 999.45	VBC3-C015-B040 1020.20	1	3	470
2X4	VBC2-C020-B040 1075.38	VBC3-C020-B040 1104.12	1	0	470

**Valve Box, with CPVC True Union 2000 Industrial Ball
Check Valve**

CPVC Sch 80 x CPVC Sch 80

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1/2X2	VBC2-C005-C020 1031.77	VBC3-C005-C020 1040.56	1	0	470
3/4X3	VBC2-C007-C030 1052.07	VBC3-C007-C030 1062.40	1	4	470
1X3	VBC2-C010-C030 1074.98	VBC3-C010-C030 1087.14	1	4	470
1-1/2X4	VBC2-C015-C040 1868.85	VBC3-C015-C040 1889.62	1	3	470
2X4	VBC2-C020-C040 1936.81	VBC3-C020-C040 1965.56	1	3	470

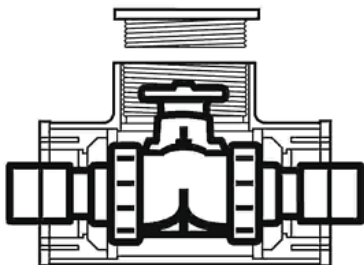
**Valve Box, with CPVC True Union 2000 Industrial Ball
Check Valve**

CPVC Sch 80 x PVC Sch 40 Clear

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1/2X2	VBC2-C005-G020 1323.97	VBC3-C005-G020 1332.75	1	4	470
3/4X3	VBC2-C007-G030 1371.68	VBC3-C007-G030 1382.01	1	4	470
1X3	VBC2-C010-G030 1394.58	VBC3-C010-G030 1406.73	1	3	470
1-1/2X4	VBC2-C015-G040 2515.74	VBC3-C015-G040 2536.49	1	4	470
2X4	VBC2-C020-G040 2586.34	VBC3-C020-G040 2615.09	1	4	470



Double Containment Diaphragm Valve Box With Valve



DC Diaphragm Valve Boxes are made from a standard Spears® Tee fitting in designated material and Schedule selected, which is fitted with Carrier pipe size Diaphragm Valve and bushed to specified Containment size. Includes Containment Valve Box fitting with threaded Access Plug, True Union Diaphragm Valve and Centralizers for positioning valve in box. Carrier valves are equipped with extenders to facilitate cement assembly. See *Double Containment Design & Installation Guide* for proper installation.

True Union Diaphragm Valve Specifications, Sizes 1/2" - 2":

Material: PVC/CPVC
 Seals: EPDM/FKM
 PR, Water: 235 psi @ 73°F (23°C), 1/2" - 2"

Maximum Service Temperature
 PVC = 140°F (60°C)
 CPVC = 200°F (93°C)

Temperature/Pressure De-ratings Apply
 No Lubricants in Media Contact Area

Contact Spears® for Pricing & Availability on Additional Sizes, Elastomer Backed PTFE Diaphragms, or Diaphragm & Seal Repair Kits.

While Valve Boxes include Centralizers for valve, additional Centralizers are used inside the Containment piping system installed on Carrier pipe and must be ordered separately according to same Carrier x Containment size and pipe schedule selected.

Valve Box, with PVC True Union Diaphragm Valve PVC Sch 40 x PVC Sch 40

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1/2X2	VBD20-A005-A020 380.66	VBD30-A005-A020 394.93	1	0	470
3/4X3	VBD20-A007-A030 398.35	VBD30-A007-A030 414.55	1	0	470
1X3	VBD20-A010-A030 433.12	VBD30-A010-A030 450.87	1	0	470
1-1/2X4	VBD20-A015-A040 738.49	VBD30-A015-A040 782.71	1	0	470
2X4	VBD20-A020-A040 791.87	VBD30-A020-A040 853.82	1	0	470

Valve Box, with PVC True Union Diaphragm Valve PVC Sch 40 x PVC Sch 40 Clear

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1/2X2	VBD20-A005-G020 1390.48	VBD30-A005-G020 1404.76	1	0	470
3/4X3	VBD20-A007-G030 1434.64	VBD30-A007-G030 1450.85	1	0	470
1X3	VBD20-A010-G030 1469.57	VBD30-A010-G030 1487.33	1	0	470
1-1/2X4	VBD20-A015-G040 2581.06	VBD30-A015-G040 2625.27	1	0	470
2X4	VBD20-A020-G040 2634.39	VBD30-A020-G040 2696.34	1	0	470

Valve Box, with PVC True Union Diaphragm Valve PVC Sch 80 x PVC Sch 40

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1/2X2	VBD20-B005-A020 391.78	VBD30-B005-A020 406.04	1	0	470
3/4X3	VBD20-B007-A030 413.38	VBD30-B007-A030 429.59	1	0	470
1X3	VBD20-B010-A030 447.69	VBD30-B010-A030 465.45	1	0	470

Valve Box, with PVC True Union Diaphragm Valve PVC Sch 80 x PVC Sch 40 (continued)

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1-1/2X4	VBD20-B015-A040 762.99	VBD30-B015-A040 807.20	1	0	470
2X4	VBD20-B020-A040 816.60	VBD30-B020-A040 878.55	1	0	470

Valve Box, with PVC True Union Diaphragm Valve PVC Sch 80 x PVC Sch 40 Clear

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1/2X2	VBD20-B005-G020 1430.49	VBD30-B005-G020 1444.76	1	0	470
3/4X3	VBD20-B007-G030 1449.67	VBD30-B007-G030 1465.88	1	0	470
1X3	VBD20-B010-G030 1483.99	VBD30-B010-G030 1501.75	1	0	470
1-1/2X4	VBD20-B015-G040 2605.40	VBD30-B015-G040 2649.61	1	0	470
2X4	VBD20-B020-G040 2659.17	VBD30-B020-G040 2721.12	1	0	470

Valve Box, with PVC True Union Diaphragm Valve PVC Sch 80 x PVC Sch 80

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1/2X2	VBD20-B005-B020 701.82	VBD30-B005-B020 716.11	1	0	470
3/4X3	VBD20-B007-B030 723.38	VBD30-B007-B030 739.59	1	0	470
1X3	VBD20-B010-B030 757.67	VBD30-B010-B030 775.43	1	0	470
1-1/2X4	VBD20-B015-B040 1115.61	VBD30-B015-B040 1159.82	1	0	470
2X4	VBD20-B020-B040 1169.38	VBD30-B020-B040 1231.33	1	0	470

**Double Containment
Diaphragm Valve Box With Valve**



**Valve Box, with CPVC True Union Diaphragm Valve
CPVC Sch 80 x PVC Sch 40**

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1/2X2	VBD20-C005-A020 491.73	VBD30-C005-A020 555.78	1	0	470
3/4X3	VBD20-C007-A030 522.32	VBD30-C007-A030 637.62	1	0	470
1X3	VBD20-C010-A030 589.54	VBD30-C010-A030 675.31	1	0	470
1-1/2X4	VBD20-C015-A040 937.07	VBD30-C015-A040 1040.33	1	0	470
2X4	VBD20-C020-A040 973.87	VBD30-C020-A040 1095.31	1	0	470

**Valve Box, with CPVC True Union Diaphragm Valve
CPVC Sch 80 x PVC Sch 80**

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1/2X2	VBD20-C005-B020 761.13	VBD30-C005-B020 825.20	1	5	470
3/4X3	VBD20-C007-B030 832.38	VBD30-C007-B030 947.69	1	6	470
1X3	VBD20-C010-B030 877.61	VBD30-C010-B030 963.39	1	6	470
1-1/2X4	VBD20-C015-B040 1307.94	VBD30-C015-B040 1384.72	1	4	470
2X4	VBD20-C020-B040 1344.74	VBD30-C020-B040 1466.17	1	0	470

**Valve Box, with CPVC True Union Diaphragm Valve
CPVC Sch 80 x CPVC Sch 80**

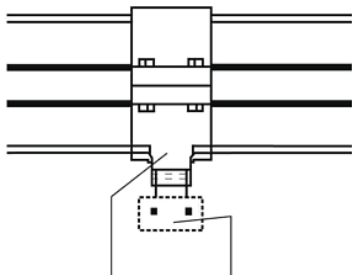
Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1/2X2	VBD20-C005-C020 1089.14	VBD30-C005-C020 1153.20	1	0	470
3/4X3	VBD20-C007-C030 1159.59	VBD30-C007-C030 1274.91	1	0	470
1X3	VBD20-C010-C030 1204.77	VBD30-C010-C030 1290.55	1	0	470
1-1/2X4	VBD20-C015-C040 2133.62	VBD30-C015-C040 2210.38	1	0	470
2X4	VBD20-C020-C040 2170.41	VBD30-C020-C040 2291.85	1	0	470

**Valve Box, with CPVC True Union Diaphragm Valve
CPVC Sch 80 x PVC Sch 40 Clear**

Size	EPDM	FKM	Std Pk	Mstr Pk	Disc Code
1/2X2	VBD20-C005-G020 1501.41	VBD30-C005-G020 1565.47	1	0	470
3/4X3	VBD20-C007-G030 1532.14	VBD30-C007-G030 1647.46	1	0	470
1X3	VBD20-C010-G030 1577.39	VBD30-C010-G030 1663.16	1	0	470
1-1/2X4	VBD20-C015-G040 2779.19	VBD30-C015-G040 2855.62	1	0	470
2X4	VBD20-C020-G040 2815.99	VBD30-C020-G040 2937.42	1	0	470



Double Containment Clamp-on Saddles for Leak Detection Sensors



Leak Detection Sensor Saddles are special devices which can be installed on the Containment system where a "low-point" is desired for leak detection apparatus. Spears® Clamp-on style saddles feature an internal O-ring seal to allow easy installation anywhere on the containment piping. Saddles may also be used in Containment high points for air relief or for connection of Containment drainage valves (see note below). See *Double Containment Design & Installation Guide* for proper installation.

PVC White Clamp-On Saddle x SR Thread

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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with EPDM O-ring Seal & SS Hardware

2"-4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

467SE-247SR	2X1/2	3/4	1	10	046	53.52
467SE-248SR	2X3/4	7/8	1	10	046	53.52
467SE-333SR ¹	3X1/2	7/8	1	10	046	71.82
467SE-334SR	3X3/4	7/8	1	10	046	71.82
467SE-415SR ¹	4X1/2	1-1/8	1	10	046	90.12
467SE-416SR ¹	4X3/4	1-1/8	1	10	046	90.12
467SE-523SR ¹	6X1/2	1-1/8	1	4	046	151.43
467SE-524SR ¹	6X3/4	1-1/8	1	4	046	151.43
467SE-573SR ¹	8X1/2	4	1	0	046	217.25
467SE-574SR ¹	8X3/4	4	1	0	046	217.25

1-Outlet Sized with Adapter

PVC White Saddles with FKM O-ring seals available by special order

PVC Gray Clamp-On Saddle x SR Thread

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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with EPDM O-ring Seal & SS Hardware

2"-4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

867S-247SR	2X1/2	3/4	1	10	086	57.77
867S-248SR	2X3/4	7/8	1	10	086	57.77
867S-333SR ¹	3X1/2	7/8	1	10	086	77.67
867S-334SR	3X3/4	7/8	1	10	086	77.67
867S-415SR ¹	4X1/2	1-1/8	1	10	086	97.79
867S-416SR ¹	4X3/4	1-1/8	1	10	086	97.79
867S-523SR ¹	6X1/2	1-1/8	1	4	086	141.37
867S-524SR ¹	6X3/4	1-1/8	1	4	086	141.37
867S-573SR ¹	8X1/2	4	1	0	086	262.14
867S-574SR ¹	8X3/4	4	1	0	086	262.14

1-Outlet sized with Adapter

PVC Gray Clamp-On Saddle x SR Thread

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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with FKM O-ring Seal & SS Hardware

2"-4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

867SV-247SR	2X1/2	3/4	1	10	086	64.64
867SV-248SR	2X3/4	7/8	1	10	086	64.64
867SV-333SR ¹	3X1/2	7/8	1	10	086	86.42
867SV-334SR	3X3/4	7/8	1	10	086	86.42
867SV-415SR ¹	4X1/2	1-1/8	1	10	086	109.12
867SV-416SR ¹	4X3/4	1-1/8	1	10	086	109.12
867SV-523SR ¹	6X1/2	1-1/8	1	4	086	160.27
867SV-524SR ¹	6X3/4	1-1/8	1	4	086	160.27
867SV-573SR ¹	8X1/2	4	1	0	086	286.42
867SV-574SR ¹	8X3/4	4	1	0	086	286.42

Clamp-on Saddle Specifications, Containment sizes 2" - 8":

Material:	PVC White/PVC Gray/CPVC
Seals:	EPDM/FKM
Hardware:	Stainless Steel (no fluid contact)
Outlet:	Special Reinforced (SR) Female Plastic thread 1/2" or 3/4" NPT (see note below)
PR, Water:	235 psi @ 73°F (23°C), 2" - 4" 200 psi @ 73°F (23°C), 6" 150 psi @ 73°F (23°C), 8"

Maximum Service Temperature

PVC = 140°F (60°C)

CPVC = 200°F (93°C)

Temperature/Pressure De-ratings Apply

Note: Saddles specified in this catalog are for listed containment pipe sizes through 8", with 1/2" or 3/4" NPT connections. For a wide variety of additional pipe and outlet sizes, including solvent weld outlets, please refer to Spears® *PVC/CPVC Clamp-On & Hot-Tap Saddles*.

PVC Gray Clamp-On Saddle x SR Thread (continued)

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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with FKM O-ring Seal & SS Hardware

1-Outlet sized with Adapter

CPVC Gray Clamp-On Saddle x SR Thread

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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with EPDM O-ring Seal & SS Hardware

2"-4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

867S-247CSR	2X1/2	3/4	1	10	096	96.75
867S-248CSR	2X3/4	7/8	1	10	096	96.75
867S-333CSR ¹	3X1/2	7/8	1	10	096	129.51
867S-334CSR	3X3/4	7/8	1	10	096	129.51
867S-415CSR ¹	4X1/2	1-1/8	1	10	096	162.99
867S-416CSR ¹	4X3/4	1-1/8	1	10	096	162.99
867S-523CSR ¹	6X1/2	1-1/8	1	4	096	271.65
867S-524CSR ¹	6X3/4	1-1/8	1	4	096	271.65
867S-573CSR	8X1/2	4	1	0	096	482.60
867S-574CSR ¹	8X3/4	4	1	0	096	482.60

1-Outlet sized with Adapter

with FKM O-ring Seal & SS Hardware

2"-4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

867SV-247CSR	2X1/2	3/4	1	10	096	107.72
867SV-248CSR	2X3/4	7/8	1	10	096	107.72
867SV-333CSR ¹	3X1/2	7/8	1	10	096	144.71
867SV-334CSR	3X3/4	7/8	1	10	096	144.71
867SV-415CSR ¹	4X1/2	1-1/8	1	10	096	182.83
867SV-416CSR ¹	4X3/4	1-1/8	1	10	096	182.83
867SV-523CSR ¹	6X1/2	1-1/8	1	4	096	304.72
867SV-524CSR ¹	6X3/4	1-1/8	1	4	096	304.72
867SV-573CSR ¹	8X1/2	4	1	0	096	524.93
867SV-574CSR ¹	8X3/4	4	1	0	096	524.93

1-Outlet sized with Adapter