



Double Containment Product
Double Containment Products

Double Containment



PRODUCT

Contact Spears® for any Information not found.

Double Containment Product Double Containment Overview



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 product 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).

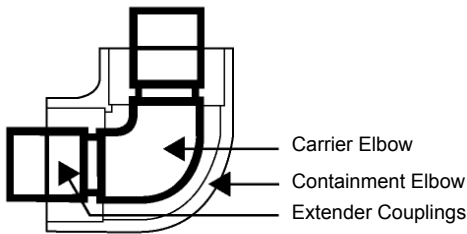
Note: Assembled carrier/containment pipe available on request. Contact Spears® for additional information.

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	Prod Code
DC06-A005-A020	1/2X2	470



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

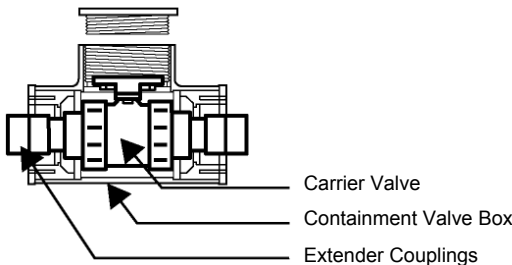
Valve Boxes: Like DC Fittings, Valve Boxes include all necessary components for connection to the designated Carrier x Containment system. Valve Boxes include the applicable True Union Industrial Ball Valve, Ball Check Valve, or Diaphragm Valve, with designated elastomer seals. Refer to example below (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	Prod Code
1/2X2	VBA20-A005-A020	VBA30-A005-A020	470





Double Containment Product

Tees

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	Prod Code	MSRP
DC01-A005-A020	1/2X2	1	8	470	50.53
DC01-A007-A030	3/4X3	1	10	470	108.15
DC01-A010-A030	1X3	1	10	470	110.14
DC01-A015-A040	1-1/2X4	1	4	470	150.03
DC01-A020-A040	2X4	1	4	470	197.56
DC01-A030-A060	3X6	1	2	470	294.29
DC01-A040-A080	4X8	1	2	470	483.29
DC01-A060-A100	6X10	1	0	470	1199.97
DC01-A080-A120	8X12	1	0	470	1834.99

DC Tee PVC Sch 40 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC01-A005-G020	1/2X2	1	8	470	133.91
DC01-A007-G030	3/4X3	1	10	470	286.49
DC01-A010-G030	1X3	1	10	470	300.05
DC01-A015-G040	1-1/2X4	1	4	470	389.47

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

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC01-A020-G040	2X4	1	4	470	426.15
DC01-A030-G060	3X6	1	2	470	838.94
DC01-A040-G080	4X8	1	2	470	1427.78

DC Tee PVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC01-B005-A020	1/2X2	1	9	470	80.59
DC01-B007-A030	3/4X3	1	10	470	106.99
DC01-B010-A030	1X3	1	10	470	110.60
DC01-B015-A040	1-1/2X4	1	4	470	167.53
DC01-B020-A040	2X4	1	2	470	415.36
DC01-B030-A060	3X6	1	2	470	419.12
DC01-B040-A080	4X8	1	2	470	1132.46
DC01-B060-A100	6X10	1	0	470	1793.44
DC01-B080-A120	8X12	1	0	470	2864.85

DC Tee PVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC01-B005-G020	1/2X2	1	9	470	266.59
DC01-B007-G030	3/4X3	1	10	470	465.89
DC01-B010-G030	1X3	1	10	470	520.34
DC01-B015-G040	1-1/2X4	1	4	470	821.20
DC01-B020-G040	2X4	1	2	470	991.07
DC01-B030-G060	3X6	1	2	470	1269.96
DC01-B040-G080	4X8	1	2	470	2642.01

DC Tee PVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC01-B005-B020	1/2X2	1	10	470	124.08
DC01-B007-B030	3/4X3	1	10	470	149.60
DC01-B010-B030	1X3	1	5	470	153.11
DC01-B015-B040	1-1/2X4	1	4	470	207.28
DC01-B020-B040 ¹	2X4	1	0	470	774.31
DC01-B030-B060	3X6	1	2	470	496.06
DC01-B040-B080	4X8	1	0	470	1431.76
DC01-B060-B100	6X10	1	0	470	1770.22
DC01-B080-B120	8X12	1	0	470	4085.03

DC Tee CPVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC01-C005-A020	1/2X2	1	10	470	87.63
DC01-C007-A030	3/4X3	1	5	470	115.29
DC01-C010-A030	1X3	1	10	470	129.77
DC01-C015-A040	1-1/2X4	1	4	470	215.75
DC01-C020-A040	2X4	1	2	470	479.63
DC01-C030-A060	3X6	1	2	470	1108.41
DC01-C040-A080	4X8	1	0	470	883.63
DC01-C060-A100	6X10	1	0	470	2060.34
DC01-C080-A120	8X12	1	0	470	3244.02

DC Tee CPVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC01-C005-B020	1/2X2	1	9	470	131.03
DC01-C007-B030	3/4X3	1	5	470	157.82
DC01-C010-B030	1X3	1	5	470	172.42

Double Containment Product
Tees & 90° Ells



Tees

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

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC01-C015-B040	1-1/2X4	1	4	470	249.40
DC01-C020-B040 ¹	2X4	1	4	470	865.69
DC01-C030-B060	3X6	1	2	470	1578.91
DC01-C040-B080	4X8	1	0	470	1151.86
DC01-C060-B100	6X10	1	0	470	3295.55
DC01-C080-B120	8X12	1	0	470	4013.13

DC Tee CPVC Sch 80 x CPVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC01-C005-C020	1/2X2	1	10	470	137.45
DC01-C007-C030	3/4X3	1	10	470	232.28
DC01-C010-C030	1X3	1	5	470	246.89
DC01-C015-C040	1-1/2X4	1	5	470	359.97
DC01-C020-C040 ¹	2X4	1	0	470	598.60
DC01-C030-C060	3X6	1	2	470	1260.89
DC01-C040-C080	4X8	1	2	470	1940.37
DC01-C060-C100	6X10	1	0	470	3392.03
DC01-C080-C120	8X12	1	0	470	6127.04

DC Tee CPVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC01-C005-G020	1/2X2	1	9	470	170.36
DC01-C007-G030	3/4X3	1	5	470	472.98
DC01-C010-G030	1X3	1	10	470	487.58
DC01-C015-G040	1-1/2X4	1	6	470	918.91
DC01-C020-G040 ¹	2X4	1	2	470	1320.71
DC01-C030-G060 ¹	3X6	1	2	470	2084.26
DC01-C040-G080	4X8	1	2	470	2780.27

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	Prod Code	MSRP
DC06-A005-A020	1/2X2	1	25	470	40.25
DC06-A007-A030	3/4X3	1	10	470	52.46
DC06-A010-A030	1X3	1	10	470	54.22
DC06-A015-A040	1-1/2X4	1	5	470	69.60
DC06-A020-A040	2X4	1	5	470	88.57
DC06-A030-A060	3X6	2	0	470	177.67
DC06-A040-A080	4X8	1	2	470	345.19
DC06-A060-A100	6X10	1	0	470	1130.04
DC06-A080-A120	8X12	1	0	470	1657.21

DC 90° Ell PVC Sch 40 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC06-A005-G020	1/2X2	1	25	470	107.39
DC06-A007-G030	3/4X3	1	10	470	296.28
DC06-A010-G030	1X3	1	4	470	298.13
DC06-A015-G040	1-1/2X4	1	5	470	506.07
DC06-A020-G040	2X4	1	8	470	525.04
DC06-A030-G060	3X6	1	2	470	922.72
DC06-A040-G080	4X8	1	2	470	1614.28

DC 90° Ell PVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC06-B005-A020	1/2X2	1	25	470	56.28
DC06-B007-A030	3/4X3	1	10	470	74.17
DC06-B010-A030	1X3	1	10	470	77.66
DC06-B015-A040	1-1/2X4	1	5	470	108.04
DC06-B020-A040	2X4	1	5	470	127.81
DC06-B030-A060	3X6	1	2	470	275.40
DC06-B040-A080	4X8	1	2	470	465.19
DC06-B060-A100	6X10	1	0	470	1369.28
DC06-B080-A120	8X12	1	0	470	2046.45

DC 90° Ell PVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC06-B005-G020	1/2X2	1	25	470	122.98
DC06-B007-G030	3/4X3	1	10	470	317.95
DC06-B010-G030	1X3	1	10	470	321.43
DC06-B015-G040	1-1/2X4	1	8	470	542.98
DC06-B020-G040	2X4	1	4	470	547.72
DC06-B030-G060	3X6	1	4	470	274.01
DC06-B040-G080	4X8	1	2	470	1734.32

DC 90° Ell PVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC06-B005-B020	1/2X2	1	20	470	65.55
DC06-B007-B030	3/4X3	1	10	470	93.98
DC06-B010-B030	1X3	1	10	470	97.52
DC06-B015-B040	1-1/2X4	1	5	470	132.22
DC06-B020-B040	2X4	1	4	470	137.11
DC06-B030-B060	3X6	1	2	470	338.80
DC06-B040-B080	4X8	1	2	470	656.91
DC06-B060-B100	6X10	1	0	470	2397.24
DC06-B080-B120	8X12	1	0	470	3352.27



Double Containment Product

90° Ells & 45° Ells

90° Ells

DC 90° Ell CPVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC06-C005-A020	1/2X2	1	8	470	60.43
DC06-C007-A030	3/4X3	1	5	470	79.62
DC06-C010-A030	1X3	1	5	470	92.64
DC06-C015-A040	1-1/2X4	1	8	470	150.52
DC06-C020-A040	2X4	1	5	470	181.65
DC06-C030-A060	3X6	1	5	470	352.99
DC06-C040-A080	4X8	1	2	470	678.93
DC06-C060-A100	6X10	1	0	470	1802.73
DC06-C080-A120	8X12	1	0	470	3458.79

DC 90° Ell CPVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC06-C005-B020	1/2X2	1	25	470	69.71
DC06-C007-B030	3/4X3	1	5	470	99.45
DC06-C010-B030	1X3	1	5	470	127.87
DC06-C015-B040	1-1/2X4	1	4	470	176.24
DC06-C020-B040	2X4	1	4	470	207.37
DC06-C030-B060	3X6	1	0	470	462.81
DC06-C040-B080	4X8	1	2	470	870.65
DC06-C060-B100	6X10	1	0	470	2830.62
DC06-C080-B120	8X12	1	0	470	4764.83

DC 90° Ell CPVC Sch 80 x CPVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC06-C005-C020	1/2X2	1	25	470	97.52
DC06-C007-C030	3/4X3	1	10	470	172.17
DC06-C010-C030	1X3	1	5	470	184.69
DC06-C015-C040	1-1/2X4	1	5	470	325.82
DC06-C020-C040	2X4	1	4	470	347.71
DC06-C030-C060	3X6	2	0	470	606.33
DC06-C040-C080	4X8	1	2	470	1399.61
DC06-C060-C100	6X10	1	0	470	3466.43
DC06-C080-C120	8X12	1	0	470	5720.43

DC 90° Ell CPVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC06-C005-G020	1/2X2	1	23	470	127.58
DC06-C007-G030	3/4X3	1	4	470	323.86
DC06-C010-G030	1X3	1	5	470	336.40
DC06-C015-G040	1-1/2X4	1	8	470	587.01
DC06-C020-G040	2X4	1	8	470	618.01
DC06-C030-G060	3X6	1	5	470	1144.66
DC06-C040-G080	4X8	1	2	470	1951.37

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	Prod Code	MSRP
DC17-A005-A020	1/2X2	1	25	470	41.43
DC17-A007-A030	3/4X3	1	5	470	58.52
DC17-A010-A030	1X3	1	5	470	59.93
DC17-A015-A040	1-1/2X4	1	5	470	79.62
DC17-A020-A040	2X4	1	4	470	98.16
DC17-A030-A060	3X6	2	0	470	183.43
DC17-A040-A080	4X8	1	3	470	340.91
DC17-A060-A100	6X10	1	0	470	812.05
DC17-A080-A120	8X12	1	0	470	1336.01

DC 45° Ell PVC Sch 40 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC17-A005-G020	1/2X2	1	25	470	129.74
DC17-A007-G030	3/4X3	1	8	470	375.22
DC17-A010-G030	1X3	1	5	470	376.55
DC17-A015-G040	1-1/2X4	1	5	470	663.66
DC17-A020-G040	2X4	1	4	470	667.07
DC17-A030-G060	3X6	1	2	470	1182.17
DC17-A040-G080	4X8	1	3	470	1425.57

DC 45° Ell PVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC17-B005-A020	1/2X2	1	25	470	59.62
DC17-B007-A030	3/4X3	1	8	470	85.20
DC17-B010-A030	1X3	1	10	470	91.27
DC17-B015-A040	1-1/2X4	1	5	470	129.00

Double Containment Product
45° Ells & Couplings



45° Ells

DC 45° EII PVC Sch 80 x PVC Sch 40 (continued)

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC17-B020-A040	2X4	1	5	470	154.20
DC17-B030-A060	3X6	1	7	470	323.29
DC17-B040-A080	4X8	1	2	470	546.43
DC17-B060-A100	6X10	1	0	470	1087.94
DC17-B080-A120	8X12	1	0	470	1685.86

DC 45° EII PVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC17-B005-G020	1/2X2	1	10	470	139.00
DC17-B007-G030	3/4X3	1	8	470	401.93
DC17-B010-G030	1X3	1	5	470	409.65
DC17-B015-G040	1-1/2X4	1	5	470	699.97
DC17-B020-G040	2X4	1	5	470	723.12
DC17-B030-G060	3X6	1	4	470	1321.89
DC17-B040-G080	4X8	1	3	470	2184.62

DC 45° EII PVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC17-B005-B020	1/2X2	1	10	470	87.66
DC17-B007-B030	3/4X3	1	8	470	146.89
DC17-B010-B030	1X3	1	5	470	159.12
DC17-B015-B040	1-1/2X4	1	5	470	240.23
DC17-B020-B040	2X4	1	5	470	249.83
DC17-B030-B060	3X6	1	2	470	416.65
DC17-B040-B080	4X8	1	2	470	727.67
DC17-B060-B100	6X10	1	0	470	1785.18
DC17-B080-B120	8X12	1	0	470	2468.07

DC 45° EII CPVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC17-C005-A020	1/2X2	1	25	470	62.71
DC17-C007-A030	3/4X3	1	8	470	88.45
DC17-C010-A030	1X3	1	10	470	103.07
DC17-C015-A040	1-1/2X4	1	5	470	164.82
DC17-C020-A040	2X4	1	5	470	193.44
DC17-C030-A060	3X6	1	5	470	316.82
DC17-C040-A080	4X8	1	3	470	632.34
DC17-C060-A100	6X10	1	0	470	1594.44
DC17-C080-A120	8X12	1	0	470	3195.92

DC 45° EII CPVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC17-C005-B020	1/2X2	1	25	470	89.91
DC17-C007-B030	3/4X3	1	5	470	150.13
DC17-C010-B030	1X3	1	5	470	164.26
DC17-C015-B040	1-1/2X4	1	4	470	187.29
DC17-C020-B040	2X4	1	5	470	216.15
DC17-C030-B060	3X6	1	5	470	445.92
DC17-C040-B080	4X8	1	2	470	813.02
DC17-C060-B100	6X10	1	0	470	2288.58
DC17-C080-B120	8X12	1	0	470	3978.12

DC 45° EII CPVC Sch 80 x CPVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC17-C005-C020	1/2X2	1	10	470	102.24
DC17-C007-C030	3/4X3	1	8	470	184.76
DC17-C010-C030	1X3	1	10	470	199.36
DC17-C015-C040	1-1/2X4	1	5	470	288.07
DC17-C020-C040	2X4	1	5	470	316.93
DC17-C030-C060	3X6	1	2	470	719.86
DC17-C040-C080	4X8	1	2	470	1439.55
DC17-C060-C100	6X10	1	0	470	4360.55
DC17-C080-C120	8X12	1	0	470	5990.97

DC 45° EII CPVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC17-C005-G020	1/2X2	1	10	470	141.12
DC17-C007-G030	3/4X3	1	8	470	405.17
DC17-C010-G030	1X3	1	10	470	419.76
DC17-C015-G040	1-1/2X4	1	5	470	749.21
DC17-C020-G040	2X4	1	5	470	762.59
DC17-C030-G060	3X6	1	5	470	1420.22
DC17-C040-G080	4X8	1	3	470	2402.97

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. 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 Coupling PVC Sch 40 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC29-A005-A020	1/2X2	1	25	470	7.91
DC29-A007-A030	3/4X3	1	10	470	9.98
DC29-A010-A030	1X3	1	10	470	10.49
DC29-A015-A040	1-1/2X4	1	6	470	15.19
DC29-A020-A040	2X4	1	10	470	16.13



Double Containment Product Couplings

Couplings

DC Coupling PVC Sch 40 x PVC Sch 40 (continued)

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC29-A030-A060	3X6	1	4	470	51.76
DC29-A040-A080	4X8	1	6	470	92.71
DC29-A060-A100	6X10	1	2	470	273.59
DC29-A080-A120	8X12	1	0	470	539.78

DC Coupling PVC Sch 40 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC29-A005-G020	1/2X2	1	10	470	43.65
DC29-A007-G030	3/4X3	1	10	470	148.62
DC29-A010-G030	1X3	1	10	470	149.05
DC29-A015-G040	1-1/2X4	1	6	470	215.34
DC29-A020-G040	2X4	1	8	470	216.25
DC29-A030-G060	3X6	1	4	470	409.84
DC29-A040-G080	4X8	1	6	470	705.45

DC Coupling PVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC29-B005-A020	1/2X2	1	25	470	9.66
DC29-B007-A030	3/4X3	1	10	470	18.85
DC29-B010-A030	1X3	1	5	470	18.99
DC29-B015-A040	1-1/2X4	1	6	470	29.35
DC29-B020-A040	2X4	1	5	470	30.54
DC29-B030-A060	3X6	1	4	470	90.83
DC29-B040-A080	4X8	1	6	470	139.88
DC29-B060-A100	6X10	1	2	470	361.49
DC29-B080-A120	8X12	1	4	470	637.85

DC Coupling PVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC29-B005-G020	1/2X2	1	10	470	50.02
DC29-B007-G030	3/4X3	1	10	470	157.39
DC29-B010-G030	1X3	1	10	470	157.62
DC29-B015-G040	1-1/2X4	1	6	470	223.33
DC29-B020-G040	2X4	1	8	470	230.68
DC29-B030-G060	3X6	1	4	470	401.60
DC29-B040-G080	4X8	1	4	470	744.25

DC Coupling PVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC29-B005-B020	1/2X2	1	10	470	24.05
DC29-B007-B030	3/4X3	1	5	470	57.84
DC29-B010-B030	1X3	1	5	470	58.08
DC29-B015-B040	1-1/2X4	1	5	470	76.52
DC29-B020-B040	2X4	1	8	470	77.69
DC29-B030-B060	3X6	1	8	470	178.75
DC29-B040-B080	4X8	1	4	470	237.97
DC29-B060-B100	6X10	1	2	470	739.23
DC29-B080-B120	8X12	1	0	470	879.25

DC Coupling CPVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC29-C005-A020	1/2X2	1	25	470	10.14

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

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC29-C007-A030	3/4X3	1	10	470	19.71
DC29-C010-A030	1X3	1	10	470	23.32
DC29-C015-A040	1-1/2X4	1	6	470	39.84
DC29-C020-A040	2X4	1	6	470	44.14
DC29-C030-A060	3X6	1	4	470	116.68
DC29-C040-A080	4X8	1	6	470	176.59
DC29-C060-A100	6X10	1	2	470	460.22
DC29-C080-A120	8X12	1	4	470	707.75

DC Coupling CPVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC29-C005-B020	1/2X2	1	10	470	23.94
DC29-C007-B030	3/4X3	1	5	470	58.78
DC29-C010-B030	1X3	1	5	470	62.41
DC29-C015-B040	1-1/2X4	1	6	470	87.01
DC29-C020-B040	2X4	1	4	470	88.62
DC29-C030-B060	3X6	1	4	470	204.55
DC29-C040-B080	4X8	1	4	470	251.16
DC29-C060-B100	6X10	1	2	470	745.28
DC29-C080-B120	8X12	1	0	470	1320.93

DC Coupling CPVC Sch 80 x CPVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC29-C005-C020	1/2X2	1	10	470	38.12
DC29-C007-C030	3/4X3	1	5	470	84.64
DC29-C010-C030	1X3	1	10	470	88.21
DC29-C015-C040	1-1/2X4	1	5	470	123.72
DC29-C020-C040	2X4	1	8	470	127.99
DC29-C030-C060	3X6	1	4	470	303.33
DC29-C040-C080	4X8	1	4	470	716.52
DC29-C060-C100	6X10	1	2	470	1007.97
DC29-C080-C120	8X12	1	0	470	1529.31

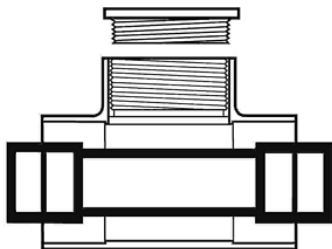
DC Coupling CPVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC29-C005-G020	1/2X2	1	10	470	50.48
DC29-C007-G030	3/4X3	1	10	470	158.35
DC29-C010-G030	1X3	1	10	470	161.95
DC29-C015-G040	1-1/2X4	1	6	470	240.01
DC29-C020-G040	2X4	1	6	470	244.26
DC29-C030-G060	3X6	1	10	470	458.71
DC29-C040-G080	4X8	1	6	470	789.32

Double Containment Product
Access Tees



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	Prod Code	MSRP
DCAT-A005-A020	1/2X2	1	10	470	49.46
DCAT-A007-A030	3/4X3	1	5	470	82.38
DCAT-A010-A030	1X3	1	5	470	83.40
DCAT-A015-A040	1-1/2X4	1	3	470	117.27
DCAT-A020-A040	2X4	1	5	470	152.98
DCAT-A030-A060	3X6	1	4	470	421.53
DCAT-A040-A080	4X8	1	0	470	878.76
DCAT-A060-A100	6X10	1	0	470	2000.19
DCAT-A080-A120	8X12	1	0	470	2824.42

DC Access Tee PVC Sch 40 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCAT-A005-G020	1/2X2	1	10	470	250.51
DCAT-A007-G030	3/4X3	1	10	470	665.32
DCAT-A010-G030	1X3	1	10	470	666.37
DCAT-A015-G040	1-1/2X4	1	6	470	1095.32
DCAT-A020-G040	2X4	1	6	470	1109.53
DCAT-A030-G060	3X6	1	4	470	1506.85
DCAT-A040-G080	4X8	1	0	470	2766.27

DC Access Tee PVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCAT-B005-A020	1/2X2	1	10	470	62.44
DCAT-B007-A030	3/4X3	1	10	470	99.92
DCAT-B010-A030	1X3	1	6	470	100.41
DCAT-B015-A040	1-1/2X4	1	6	470	145.64
DCAT-B020-A040	2X4	1	6	470	160.36
DCAT-B030-A060	3X6	1	4	470	499.72
DCAT-B040-A080	4X8	1	2	470	973.05

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

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCAT-B060-A100	6X10	1	0	470	2191.35
DCAT-B080-A120	8X12	1	0	470	3126.22

DC Access Tee PVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCAT-B005-G020	1/2X2	1	10	470	302.48
DCAT-B007-G030	3/4X3	1	10	470	682.87
DCAT-B010-G030	1X3	1	10	470	683.22
DCAT-B015-G040	1-1/2X4	1	3	470	1122.14
DCAT-B020-G040	2X4	1	6	470	1126.03
DCAT-B030-G060	3X6	1	4	470	1585.01
DCAT-B040-G080	4X8	1	2	470	2860.56

DC Access Tee PVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCAT-B005-B020	1/2X2	1	5	470	103.65
DCAT-B007-B030	3/4X3	1	5	470	189.07
DCAT-B010-B030	1X3	1	6	470	189.69
DCAT-B015-B040	1-1/2X4	1	5	470	325.14
DCAT-B020-B040	2X4	1	5	470	339.84
DCAT-B030-B060	3X6	1	4	470	750.99
DCAT-B040-B080	4X8	1	2	470	1247.51
DCAT-B060-B100	6X10	1	0	470	3379.52
DCAT-B080-B120	8X12	1	0	470	4109.25

DC Access Tee CPVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCAT-C007-A030	3/4X3	1	5	470	101.81
DCAT-C010-A030	1X3	1	6	470	109.06
DCAT-C015-A040	1-1/2X4	1	6	470	166.60
DCAT-C020-A040	2X4	1	6	470	187.52
DCAT-C030-A060	3X6	1	4	470	536.00
DCAT-C040-A080	4X8	1	2	470	1044.63
DCAT-C060-A100	6X10	1	0	470	2388.88
DCAT-C080-A120	8X12	1	0	470	3124.04

DC Access Tee CPVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCAT-C005-B020	1/2X2	1	10	470	104.58
DCAT-C007-B030	3/4X3	1	5	470	190.95
DCAT-C010-B030	1X3	1	5	470	198.19
DCAT-C015-B040	1-1/2X4	1	5	470	274.97
DCAT-C020-B040	2X4	1	5	470	367.00
DCAT-C030-B060	3X6	1	4	470	830.51
DCAT-C040-B080	4X8	1	2	470	1551.88
DCAT-C060-B100	6X10	1	0	470	3323.29
DCAT-C080-B120	8X12	1	0	470	5198.45

DC Access Tee CPVC Sch 80 x CPVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCAT-C005-C020	1/2X2	1	10	470	174.85
DCAT-C007-C030	3/4X3	1	5	470	578.12
DCAT-C010-C030	1X3	1	6	470	583.66
DCAT-C015-C040	1-1/2X4	1	5	470	825.31
DCAT-C020-C040	2X4	1	5	470	833.87



Double Containment Product Access Tees & Closure Fittings

Access Tees

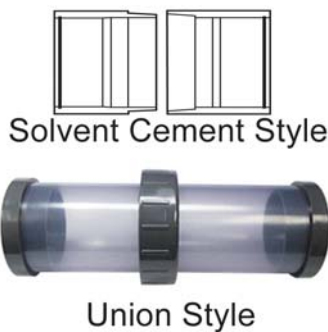
DC Access Tee CPVC Sch 80 x CPVC Sch 80 (continued)

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCAT-C030-C060	3X6	1	4	470	1784.69
DCAT-C040-C080	4X8	1	2	470	4532.61
DCAT-C060-C100	6X10	1	0	470	4847.29
DCAT-C080-C120	8X12	1	0	470	7386.62

DC Access Tee CPVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCAT-C005-G020	1/2X2	1	10	470	325.32
DCAT-C007-G030	3/4X3	1	5	470	684.76
DCAT-C010-G030	1X3	1	5	470	692.02
DCAT-C015-G040	1-1/2X4	1	3	470	1144.64
DCAT-C020-G040	2X4	1	6	470	1153.22
DCAT-C030-G060	3X6	1	4	470	1649.07
DCAT-C040-G080	4X8	1	2	470	2946.18

Closure Fittings



A Closure Fitting is a special coupling configuration for joining both Carrier and Containment piping in situations where opposing runs of Carrier and Containment system must meet. Closure Fittings are frequently used at the end of a system where the final Termination Fitting must connect to a fixed point in the system. Spears® offers a complete range of Solvent Cement Closure Fittings that form a permanent solvent cement joint, plus special Union Closure Fittings in limited sizes that provide an easily-installed union to join these opposing Containment piping runs. See Double Containment Design & Installation Guide for proper installation.

Solvent Cement 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, such as Spears® CPVC 24 for both PVC & CPVC, should be used to facilitate rapid assembly. See Double Containment Design & Installation Guide for proper installation.

Union Closure Fittings consist of a male component and female component with Union Nut and O-ring seal. Each component is installed on the carrier pipe incorporating a double O-ring seal on the carrier pipe with cemented retainers. Union Closure Fitting allows for easy access to carrier pipe after installation and also provides a small amount of expansion and contraction. See Double Containment Design & Installation Guide and product-enclosed instructions for proper installation.

Closure Fittings

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 Solvent Cement Closure Fitting PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCCF-A030	3	1	10	470	548.00
DCCF-A040	4	1	5	470	561.47
DCCF-A060	6	1	2	470	584.33
DCCF-A080	8	1	0	470	806.02
DCCF-A100	10	1	2	470	889.14
DCCF-A120	12	1	2	470	1404.54

DC Solvent Cement Closure Fitting PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCCF-B020	2	1	10	470	547.52
DCCF-B030	3	1	10	470	556.89
DCCF-B040	4	1	5	470	573.82
DCCF-B060	6	1	2	470	607.78
DCCF-B080	8	1	3	470	805.77
DCCF-B100	10	1	2	470	1069.33
DCCF-B120	12	1	0	470	1714.17

DC Solvent Cement Closure Fitting CPVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCCF-C020	2	1	10	470	555.83
DCCF-C030	3	1	10	470	579.01
DCCF-C040	4	1	5	470	604.33
DCCF-C060	6	1	2	470	736.61
DCCF-C080	8	1	3	470	990.93
DCCF-C100	10	1	2	470	1844.71
DCCF-C120	12	1	0	470	2926.78

DC Solvent Cement Closure Fitting PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCCF-G030	3	1	10	470	611.48
DCCF-G040	4	1	5	470	635.29
DCCF-G060	6	1	2	470	753.53
DCCF-G080	8	1	6	470	1119.74

DC Union Closure Fittings PVC Clear - EPDM Seals

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCUC-030	3	1	0	471	166.20
DCUC-040	4	1	0	471	213.85
DCUC-060	6	1	0	471	267.51

Maximum 100 psi Short Term Hydrostatic Test Only.
50 psi Working Pressure @ 73° F (23° C)

DC Union Closure Fittings PVC Clear - FKM Seals

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCUC2-040	4	1	0	471	672.84
DCUC2-060	6	1	0	471	801.77

Double Containment Product
Closure Fittings & Isolation Couplers

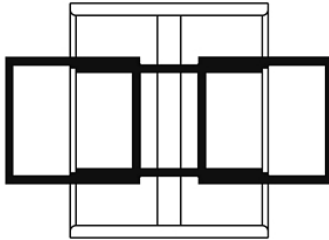


Closure Fittings

DC Union Closure Fittings PVC Clear - FKM Seals (continued)

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
Maximum 100 psi Short Term Hydrostatic Test Only. 50 psi Working Pressure @ 73° F (23° C)					

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	Prod Code	MSRP
DCDB-A005-A020	1/2X2	1	5	470	40.42
DCDB-A007-A030	3/4X3	1	5	470	64.39
DCDB-A010-A030	1X3	1	5	470	71.64
DCDB-A015-A040	1-1/2X4	1	6	470	73.91
DCDB-A020-A040	2X4	1	4	470	76.28
DCDB-A030-A060	3X6	1	4	470	122.33
DCDB-A040-A080	4X8	1	4	470	176.01
DCDB-A060-A100	6X10	1	10	470	234.99
DCDB-A080-A120	8X12	1	0	470	397.49

DC Isolation Coupler PVC Sch 40 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCDB-A005-G020	1/2X2	1	5	470	93.38
DCDB-A007-G030	3/4X3	1	5	470	115.42
DCDB-A010-G030	1X3	1	5	470	241.60
DCDB-A015-G040	1-1/2X4	1	4	470	278.20
DCDB-A020-G040	2X4	1	4	470	287.91
DCDB-A030-G060	3X6	1	4	470	314.95
DCDB-A040-G080	4X8	1	4	470	397.24

DC Isolation Coupler PVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCDB-B005-A020	1/2X2	1	5	470	58.35
DCDB-B007-A030	3/4X3	1	5	470	69.87
DCDB-B010-A030	1X3	1	4	470	77.07

DC Isolation Coupler PVC Sch 80 x PVC Sch 40 (continued)

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCDB-B015-A040	1-1/2X4	1	4	470	82.41
DCDB-B020-A040	2X4	1	4	470	89.07
DCDB-B030-A060	3X6	1	5	470	127.78
DCDB-B040-A080	4X8	1	4	470	191.29
DCDB-B060-A100	6X10	1	0	470	249.98
DCDB-B080-A120	8X12	1	0	470	429.98

DC Isolation Coupler PVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCDB-B005-G020	1/2X2	1	5	470	123.15
DCDB-B010-G030	1X3	1	5	470	247.23
DCDB-B015-G040	1-1/2X4	1	5	470	319.82
DCDB-B020-G040	2X4	1	4	470	350.09
DCDB-B030-G060	3X6	1	5	470	388.76
DCDB-B040-G080	4X8	1	4	470	458.95

DC Isolation Coupler PVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCDB-B005-B020	1/2X2	1	12	470	149.26
DCDB-B007-B030	3/4X3	1	5	470	183.08
DCDB-B010-B030	1X3	1	5	470	219.63
DCDB-B015-B040	1-1/2X4	1	4	470	231.71
DCDB-B020-B040	2X4	1	4	470	244.54
DCDB-B030-B060	3X6	1	4	470	264.19
DCDB-B040-B080	4X8	1	4	470	286.05
DCDB-B060-B100	6X10	1	0	470	293.02
DCDB-B080-B120	8X12	1	0	470	481.87

DC Isolation Coupler CPVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCDB-C005-A020	1/2X2	1	5	470	59.93
DCDB-C007-A030	3/4X3	1	5	470	80.38
DCDB-C010-A030	1X3	1	5	470	81.26
DCDB-C015-A040	1-1/2X4	1	4	470	95.37
DCDB-C020-A040	2X4	1	4	470	133.40
DCDB-C030-A060	3X6	1	5	470	216.02
DCDB-C040-A080	4X8	1	4	470	364.04
DCDB-C060-A100	6X10	1	0	470	560.28

DC Isolation Coupler CPVC Sch 80 x Sch 80 Gray

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCDB-C005-B020	1/2X2	1	12	470	60.43
DCDB-C007-B030	3/4X3	1	5	470	71.13
DCDB-C010-B030	1X3	1	5	470	72.03
DCDB-C015-B040	1-1/2X4	1	4	470	101.38
DCDB-C020-B040	2X4	1	4	470	139.37
DCDB-C030-B060	3X6	1	5	470	227.69
DCDB-C040-B080	4X8	1	4	470	384.66
DCDB-C060-B100	6X10	1	0	470	603.38

DC Isolation Coupler CPVC Sch 80 x CPVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCDB-C005-C020	1/2X2	1	12	470	122.82
DCDB-C007-C030	3/4X3	1	5	470	135.80
DCDB-C010-C030	1X3	1	5	470	285.49



Double Containment Product
Isolation Couplers & Termination Fittings

Isolation Couplers

DC Isolation Coupler CPVC Sch 80 x CPVC Sch 80 (continued)

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCDB-C015-C040	1-1/2X4	1	4	470	310.06
DCDB-C020-C040	2X4	1	4	470	347.16
DCDB-C030-C060	3X6	1	4	470	450.18
DCDB-C040-C080	4X8	1	4	470	459.14
DCDB-C060-C100	6X10	1	0	470	767.55

DC Isolation Coupler CPVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCDB-C005-G020	1/2X2	1	5	470	129.93
DCDB-C007-G030	3/4X3	1	5	470	142.99
DCDB-C010-G030	1X3	1	5	470	297.08
DCDB-C015-G040	1-1/2X4	1	4	470	406.27
DCDB-C020-G040	2X4	1	4	470	444.25
DCDB-C030-G060	3X6	1	5	470	472.12

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	Prod Code	MSRP
DCTM-A005-A020	1/2X2	8	0	470	133.91
DCTM-A007-A030	3/4X3	7	0	470	140.89
DCTM-A010-A030	1X3	9	0	470	147.57
DCTM-A015-A040	1-1/2X4	4	0	470	159.29
DCTM-A020-A040	2X4	5	0	470	167.23
DCTM-A030-A060	3X6	1	2	470	228.16
DCTM-A040-A080	4X8	1	2	470	297.60
DCTM-A060-A100	6X10	1	2	470	563.44
DCTM-A080-A120	8X12	1	2	470	911.43

DC Termination Fitting PVC Sch 40 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCTM-A005-G020	1/2X2	1	8	470	174.27

DC Termination Fitting PVC Sch 40 x PVC Sch 40 Clear (continued)

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCTM-A007-G030	3/4X3	7	0	470	285.19
DCTM-A010-G030	1X3	1	9	470	286.22
DCTM-A015-G040	1-1/2X4	1	4	470	359.44
DCTM-A020-G040	2X4	1	4	470	367.49
DCTM-A030-G060	3X6	1	2	470	570.17
DCTM-A040-G080	4X8	1	3	470	910.33

DC Termination Fitting PVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCTM-B005-A020	1/2X2	8	0	470	146.89
DCTM-B007-A030	3/4X3	9	0	470	164.07
DCTM-B010-A030	1X3	8	0	470	164.57
DCTM-B015-A040	1-1/2X4	4	0	470	187.67
DCTM-B020-A040	2X4	5	0	470	196.19
DCTM-B030-A060	3X6	1	4	470	306.33
DCTM-B040-A080	4X8	1	3	470	391.87
DCTM-B060-A100	6X10	1	0	470	746.13
DCTM-B080-A120	8X12	1	3	470	1107.62

DC Termination Fitting PVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCTM-B005-G020	1/2X2	9	0	470	192.59
DCTM-B007-G030	3/4X3	10	0	470	307.14
DCTM-B010-G030	1X3	8	0	470	307.62
DCTM-B015-G040	1-1/2X4	4	0	470	391.79
DCTM-B020-G040	2X4	5	0	470	399.65
DCTM-B030-G060	3X6	1	2	470	654.78
DCTM-B040-G080	4X8	1	3	470	1149.42

DC Termination Fitting PVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCTM-B005-B020	1/2X2	10	0	470	166.64
DCTM-B007-B030	3/4X3	8	0	470	207.60
DCTM-B010-B030	1X3	8	0	470	208.08
DCTM-B015-B040	1-1/2X4	4	0	470	238.16
DCTM-B020-B040	2X4	4	0	470	246.66
DCTM-B030-B060	3X6	1	2	470	400.67
DCTM-B040-B080	4X8	1	2	470	498.48
DCTM-B060-B100	6X10	1	0	470	1139.12
DCTM-B080-B120	8X12	1	3	470	1373.18

DC Termination Fitting CPVC Sch 80 x PVC Sch 40

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCTM-C005-A020	1/2X2	8	0	470	147.81
DCTM-C007-A030	3/4X3	1	8	470	165.95
DCTM-C010-A030	1X3	8	0	470	173.24
DCTM-C015-A040	1-1/2X4	4	0	470	208.63
DCTM-C020-A040	2X4	3	0	470	223.38
DCTM-C030-A060	3X6	1	2	470	358.06
DCTM-C040-A080	4X8	1	3	470	465.33
DCTM-C060-A100	6X10	1	0	470	942.52
DCTM-C080-A120	8X12	1	3	470	1991.22

Double Containment Product
Termination Fittings & Centralizers



Termination Fittings

DC Termination Fitting CPVC Sch 80 x Sch 80 Gray

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCTM-C005-B020	1/2X2	8	0	470	167.57
DCTM-C007-B030	3/4X3	8	0	470	209.47
DCTM-C010-B030	1X3	8	0	470	216.73
DCTM-C015-B040	1-1/2X4	4	0	470	259.09
DCTM-C020-B040	2X4	1	4	470	273.85
DCTM-C030-B060	3X6	1	2	470	452.28
DCTM-C040-B080	4X8	1	3	470	571.92
DCTM-C060-B100	6X10	1	2	470	1336.73
DCTM-C080-B120	8X12	1	3	470	2256.60

DC Termination Fitting CPVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCTM-C005-G020	1/2X2	8	0	470	199.98
DCTM-C007-G030	3/4X3	1	9	470	330.24
DCTM-C010-G030	1X3	9	0	470	343.04
DCTM-C015-G040	1-1/2X4	10	0	470	450.14
DCTM-C020-G040	2X4	3	0	470	464.89
DCTM-C030-G060	3X6	1	15	470	786.80
DCTM-C040-G080	4X8	1	3	470	1191.32

DC Termination Fitting CPVC Sch 80 x CPVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCTM-C005-C020	1/2X2	9	0	470	251.03
DCTM-C007-C030	3/4X3	8	0	470	256.54
DCTM-C010-C030	1X3	4	0	470	263.78
DCTM-C015-C040	1-1/2X4	4	0	470	333.88
DCTM-C020-C040	2X4	4	0	470	348.60
DCTM-C030-C060	3X6	1	3	470	631.43
DCTM-C040-C080	4X8	1	2	470	1128.82
DCTM-C060-C100	6X10	1	0	470	1718.04
DCTM-C080-C120	8X12	1	3	470	2762.24

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.

Centralizers

RECOMMENDED MINIMUM CENTRALIZER SUPPORT SPACING (ft.) *

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

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

Carrier Size (in.)	CPVC SCHEDULE 80 CARRIER Temperature °F					
	73°	100°	120°	140°	160°	180°
1/2	5-1/2	5	4-1/2	4-1/2	3	2-1/2
3/4	5-1/2	5-1/2	5	4-1/2	3	2-1/2
1	6	6	5-1/2	5	3-1/2	2
1-1/2	7	6-1/2	6	5-1/2	3-1/2	3-1/2
2	7	7	6-1/2	6	4	3-1/2
3	8	8	7-1/2	7	4-1/2	4
4	9	8-1/2	8	7-1/2	5	4-1/2
6	10	9-1/2	9	8	5-1/2	5
8	11	10-1/2	10	9	6	5-1/2
10	11-1/2	11	10-1/2	9-1/2	6-1/2	6
12	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	Prod Code	MSRP
Carrier x Containment					
DCCT-H005-A020	1/2X2	55	330	470	15.43



Centralizers & Ball Valve Box With Valve

Centralizers

DC Centralizer IPS O.D. x Sch 40 White I.D. (continued)

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
Carrier x Containment					
DCCT-H007-A030	3/4X3	55	220	470	15.43
DCCT-H010-A030	1X3	55	220	470	16.76
DCCT-H015-A040	1-1/2X4	55	0	470	22.29
DCCT-H020-A040	2X4	55	0	470	22.29
DCCT-H030-A060	3X6	55	0	470	28.46
DCCT-H040-A080	4X8	55	0	470	35.18
DCCT-H060-A100	6X10	25	0	470	45.64
DCCT-H080-A120	8X12	25	0	470	57.31

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

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
Carrier x Containment					
DCCT-H005-G020	1/2X2	55	330	470	15.43
DCCT-H007-G020	3/4X2	55	330	470	15.43
DCCT-H010-G030	1X3	55	220	470	17.19
DCCT-H015-G040	1-1/2X4	55	220	470	22.29
DCCT-H020-G040	2X4	55	0	470	22.29
DCCT-H030-G060	3X6	55	0	470	28.46
DCCT-H040-G080	4X8	55	0	470	35.18

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

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
Carrier x Containment					
DCCT-H005-B020	1/2X2	55	330	470	15.43
DCCT-H007-B020	3/4X2	55	330	470	15.43
DCCT-H010-B030	1X3	55	220	470	17.19
DCCT-H015-B040	1-1/2X4	55	0	470	17.19
DCCT-H020-B040	2X4	55	0	470	22.29
DCCT-H030-B060	3X6	55	0	470	28.46
DCCT-H040-B080	4X8	55	0	470	35.18
DCCT-H060-B100	6X10	25	0	470	45.64
DCCT-H080-B120	8X12	20	0	470	57.31

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

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
Carrier x Containment					
DCCT-H005-C020	1/2X2	55	330	470	15.43
DCCT-H007-C030	3/4X3	55	220	470	15.43
DCCT-H010-C030	1X3	55	220	470	17.19
DCCT-H015-C040	1-1/2X4	55	0	470	17.19
DCCT-H020-C040	2X4	55	0	470	22.29
DCCT-H030-C060	3X6	55	0	470	28.46
DCCT-H040-C080	4X8	55	0	470	35.18
DCCT-H060-C100	6X10	24	0	470	45.64
DCCT-H080-C120	8X12	20	0	470	57.31

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.

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.

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

Material:	PVC/CPVC	Maximum Service Temperature
Seats:	PTFE	PVC = 140°F (60°C)
Seals:	EPDM/FKM	CPVC = 200°F (93°C)
PR, Water:	235 psi @ 73°F (23°C), 1/2" - 2"	Temperature/Pressure De-ratings Apply

All Valves assembled with Silicone-Free, Water Soluble Lubricant

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

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
1/2X2	VBA20-A005-A020 343.98	VBA30-A005-A020 350.04	1	0	470
3/4X3	VBA20-A007-A030 358.27	VBA30-A007-A030 365.46	1	5	470
1X3	VBA20-A010-A030 464.34	VBA30-A010-A030 377.07	1	0	470
1-1/2X4	VBA20-A015-A040 632.31	VBA30-A015-A040 646.23	1	0	470
2X4	VBA20-A020-A040 718.97	VBA30-A020-A040 671.84	1	0	470

Double Containment Product
Ball Valve Box With Valve



Ball Valve Box With Valve

**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	Prod Code
1/2X2	VBA20-A005-G020 1525.80	VBA30-A005-G020 1531.84	1	0	470
3/4X3	VBA20-A007-G030 1536.04	VBA30-A007-G030 1543.24	1	0	470
1X3	VBA20-A010-G030 1548.56	VBA30-A010-G030 1558.40	1	0	470
1-1/2X4	VBA20-A015-G040 2784.73	VBA30-A015-G040 2798.64	1	0	470
2X4	VBA20-A020-G040 2826.33	VBA30-A020-G040 2843.98	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	Prod Code
1/2X2	VBA20-B005-A020 360.98	VBA30-B005-A020 367.03	1	0	470
3/4X3	VBA20-B007-A030 375.81	VBA30-B007-A030 382.99	1	0	470
1X3	VBA20-B010-A030 388.46	VBA30-B010-A030 730.81	1	0	470
1-1/2X4	VBA20-B015-A040 671.34	VBA30-B015-A040 851.91	1	0	470
2X4	VBA20-B020-A040 738.48	VBA30-B020-A040 884.27	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	Prod Code
1/2X2	VBA20-B005-G020 1537.96	VBA30-B005-G020 1544.01	1	0	470
3/4X3	VBA20-B007-G030 1553.67	VBA30-B007-G030 1560.86	1	0	470
1X3	VBA20-B010-G030 1566.26	VBA30-B010-G030 1575.20	1	0	470
1-1/2X4	VBA20-B015-G040 2820.04	VBA30-B015-G040 2833.97	1	0	470
2X4	VBA20-B020-G040 2862.85	VBA30-B020-G040 2879.77	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	Prod Code
1/2X2	VBA20-B005-B020 514.85	VBA30-B005-B020 727.76	1	0	470
3/4X3	VBA20-B007-B030 737.44	VBA30-B007-B030 744.63	1	0	470
1X3	VBA20-B010-B030 749.19	VBA30-B010-B030 757.41	1	0	470
1-1/2X4	VBA20-B015-B040 971.91	VBA30-B015-B040 985.96	1	0	470
2X4	VBA20-B020-B040 1141.34	VBA30-B020-B040 1158.38	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	Prod Code
1/2X2	VBA20-C005-A020 388.64	VBA30-C005-A020 396.56	1	0	470
3/4X3	VBA20-C007-A030 403.52	VBA30-C007-A030 413.52	1	0	470
1X3	VBA20-C010-A030 427.91	VBA30-C010-A030 439.75	1	0	470
1-1/2X4	VBA20-C015-A040 757.75	VBA30-C015-A040 797.59	1	0	470
2X4	VBA20-C020-A040 814.40	VBA30-C020-A040 1254.14	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	Prod Code
1/2X2	VBA20-C005-B020 740.83	VBA30-C005-B020 748.76	1	0	470
3/4X3	VBA20-C007-B030 765.20	VBA30-C007-B030 775.19	1	5	470
1X3	VBA20-C010-B030 789.53	VBA30-C010-B030 801.38	1	4	470
1-1/2X4	VBA20-C015-B040 1177.65	VBA30-C015-B040 1198.96	1	3	470
2X4	VBA20-C020-B040 1246.81	VBA30-C020-B040 1282.66	1	0	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	Prod Code
1/2X2	VBA20-C005-C020 1118.68	VBA30-C005-C020 1126.59	1	0	470
3/4X3	VBA20-C007-C030 1146.83	VBA30-C007-C030 1156.84	1	3	470
1X3	VBA20-C010-C030 1195.33	VBA30-C010-C030 2145.85	1	0	470
1-1/2X4	VBA20-C015-C040 2313.56	VBA30-C015-C040 2333.51	1	3	470
2X4	VBA20-C020-C040 2382.26	VBA30-C020-C040 2418.11	1	0	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	Prod Code
1/2X2	VBA20-C005-G020 1557.02	VBA30-C005-G020 1564.93	1	4	470
3/4X3	VBA20-C007-G030 1581.38	VBA30-C007-G030 1591.37	1	0	470
1X3	VBA20-C010-G030 1605.69	VBA30-C010-G030 1645.35	1	0	470
1-1/2X4	VBA20-C015-G040 2893.66	VBA30-C015-G040 2916.47	1	0	470
2X4	VBA20-C020-G040 2962.67	VBA30-C020-G040 2998.52	1	0	470



Double Containment Product
Ball Check Valve Box With Valve

Ball Check 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

Double Containment Design & Installation Guide for proper installation.

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.

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

Material:	PVC/CPVC	Maximum Service Temperature
Seats:	PTFE	PVC = 140°F (60°C)
Seals:	EPDM/FKM	CPVC = 200°F (93°C)
PR, Water:	235 psi @ 73°F (23°C), 1/2" - 2"	Temperature/Pressure De-ratings Apply

All Valves assembled with Silicone-Free, Water Soluble Lubricant

**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	Prod Code
1/2X2	VBC2-A005-A020 349.06	VBC3-A005-A020 356.84	1	4	470
3/4X3	VBC2-A007-A030 361.20	VBC3-A007-A030 369.69	1	4	470
1X3	VBC2-A010-A030 376.02	VBC3-A010-A030 385.97	1	0	470
1-1/2X4	VBC2-A015-A040 662.28	VBC3-A015-A040 678.32	1	3	470
2X4	VBC2-A020-A040 717.43	VBC3-A020-A040 739.66	1	3	470

**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	Prod Code
1/2X2	VBC2-A005-G020 1533.32	VBC3-A005-G020 1539.99	1	0	470
3/4X3	VBC2-A007-G030 1545.19	VBC3-A007-G030 1553.67	1	4	470
1X3	VBC2-A010-G030 1560.01	VBC3-A010-G030 1569.98	1	3	470
1-1/2X4	VBC2-A015-G040 2810.52	VBC3-A015-G040 2826.57	1	3	470

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

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
2X4	VBC2-A020-G040 2865.53	VBC3-A020-G040 2887.76	1	3	470

**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	Prod Code
1/2X2	VBC2-B005-A020 368.19	VBC3-B005-A020 375.99	1	4	470
3/4X3	VBC2-B007-A030 384.91	VBC3-B007-A030 393.40	1	4	470
1X3	VBC2-B010-A030 399.20	VBC3-B010-A030 401.39	1	3	470
1-1/2X4	VBC2-B015-A040 690.67	VBC3-B015-A040 706.68	1	3	470
2X4	VBC2-B020-A040 746.13	VBC3-B020-A040 768.36	1	3	470

**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	Prod Code
1/2X2	VBC2-B005-G020 1546.02	VBC3-B005-G020 1553.82	1	0	470
3/4X3	VBC2-B007-G030 1562.73	VBC3-B007-G030 1571.22	1	4	470
1X3	VBC2-B010-G030 1577.03	VBC3-B010-G030 706.68	1	3	470
1-1/2X4	VBC2-B015-G040 2838.92	VBC3-B015-G040 2854.94	1	3	470
2X4	VBC2-B020-G040 2894.26	VBC3-B020-G040 1200.62	1	0	470

**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	Prod Code
1/2X2	VBC2-B005-B020 729.85	VBC3-B005-B020 736.81	1	0	470
3/4X3	VBC2-B007-B030 746.55	VBC3-B007-B030 755.04	1	4	470
1X3	VBC2-B010-B030 760.84	VBC3-B010-B030 535.73	1	3	470
1-1/2X4	VBC2-B015-B040 1122.83	VBC3-B015-B040 1138.87	1	3	470
2X4	VBC2-B020-B040 1178.37	VBC3-B020-B040 1200.60	1	0	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	Prod Code
1/2X2	VBC2-C005-A020 404.48	VBC3-C005-A020 414.75	1	4	470

Ball Check Valve Box With Valve & Diaphragm Valve Box With Valve



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

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
3/4X3	VBC2-C007-A030 428.01	VBC3-C007-A030 440.07	1	0	470
1X3	VBC2-C010-A030 456.87	VBC3-C010-A030 468.91	1	0	470
1-1/2X4	VBC2-C015-A040 819.14	VBC3-C015-A040 843.35	1	0	470
2X4	VBC2-C020-A040 901.49	VBC3-C020-A040 935.00	1	0	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	Prod Code
1/2X2	VBC2-C005-B020 759.98	VBC3-C005-B020 770.23	1	4	470
3/4X3	VBC2-C007-B030 783.52	VBC3-C007-B030 795.56	1	4	470
1X3	VBC2-C010-B030 810.39	VBC3-C010-B030 824.58	1	3	470
1-1/2X4	VBC2-C015-B040 1165.71	VBC3-C015-B040 1189.91	1	3	470
2X4	VBC2-C020-B040 1254.27	VBC3-C020-B040 1287.79	1	0	470

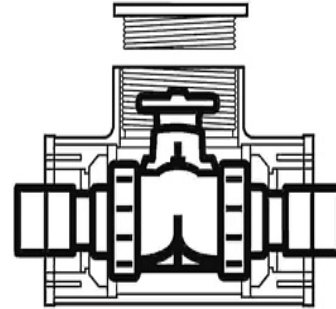
Valve Box, with CPVC True Union 2000 Industrial Ball Check Valve
 CPVC Sch 80 x CPVC Sch 80

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
1/2X2	VBC2-C005-C020 1203.40	VBC3-C005-C020 1213.66	1	0	470
3/4X3	VBC2-C007-C030 1227.08	VBC3-C007-C030 1239.14	1	4	470
1X3	VBC2-C010-C030 1253.81	VBC3-C010-C030 1267.99	1	4	470
1-1/2X4	VBC2-C015-C040 2179.74	VBC3-C015-C040 2203.96	1	3	470
2X4	VBC2-C020-C040 2259.00	VBC3-C020-C040 2292.54	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	Prod Code
1/2X2	VBC2-C005-G020 1544.21	VBC3-C005-G020 1554.45	1	4	470
3/4X3	VBC2-C007-G030 1599.85	VBC3-C007-G030 1611.92	1	4	470
1X3	VBC2-C010-G030 1626.57	VBC3-C010-G030 1640.75	1	3	470
1-1/2X4	VBC2-C015-G040 2934.24	VBC3-C015-G040 2958.44	1	4	470
2X4	VBC2-C020-G040 3016.58	VBC3-C020-G040 3050.12	1	4	470

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



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.

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.

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

Material:	PVC/CPVC	Maximum Service Temperature
Seals:	EPDM/FKM	PVC = 140°F (60°C)
		CPVC = 200°F (93°C)
PR, Water:	235 psi @ 73°F (23°C), 1/2" - 2"	Temperature/Pressure
		De-ratings Apply

All Valves assembled with Silicone-Free, Water Soluble Lubricant

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

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
1/2X2	VBD20-A005-A020 443.98	VBD30-A005-A020 460.63	1	0	470
3/4X3	VBD20-A007-A030 464.62	VBD30-A007-A030 483.52	1	0	470
1X3	VBD20-A010-A030 505.18	VBD30-A010-A030 525.87	1	0	470
1-1/2X4	VBD20-A015-A040 861.34	VBD30-A015-A040 912.92	1	0	470
2X4	VBD20-A020-A040 923.60	VBD30-A020-A040 995.85	1	0	470



Double Containment Product
Diaphragm Valve Box With Valve

Diaphragm Valve Box With Valve

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

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
1/2X2	VBD20-A005-G020 1621.78	VBD30-A005-G020 1638.44	1	0	470
3/4X3	VBD20-A007-G030 1673.29	VBD30-A007-G030 1692.20	1	0	470
1X3	VBD20-A010-G030 1714.04	VBD30-A010-G030 1734.75	1	0	470
1-1/2X4	VBD20-A015-G040 3010.43	VBD30-A015-G040 3061.98	1	0	470
2X4	VBD20-A020-G040 3072.62	VBD30-A020-G040 3144.87	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	Prod Code
1/2X2	VBD20-B005-A020 456.96	VBD30-B005-A020 473.59	1	0	470
3/4X3	VBD20-B007-A030 482.15	VBD30-B007-A030 501.05	1	0	470
1X3	VBD20-B010-A030 522.16	VBD30-B010-A030 542.88	1	0	470
1-1/2X4	VBD20-B015-A040 889.92	VBD30-B015-A040 941.47	1	0	470
2X4	VBD20-B020-A040 952.44	VBD30-B020-A040 1024.69	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	Prod Code
1/2X2	VBD20-B005-G020 1668.45	VBD30-B005-G020 1685.09	1	0	470
3/4X3	VBD20-B007-G030 1690.82	VBD30-B007-G030 1709.73	1	0	470
1X3	VBD20-B010-G030 1730.85	VBD30-B010-G030 1751.57	1	0	470
1-1/2X4	VBD20-B015-G040 3038.81	VBD30-B015-G040 3090.37	1	0	470
2X4	VBD20-B020-G040 3101.53	VBD30-B020-G040 3173.78	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	Prod Code
1/2X2	VBD20-B005-B020 818.57	VBD30-B005-B020 835.23	1	0	470
3/4X3	VBD20-B007-B030 843.72	VBD30-B007-B030 862.62	1	0	470
1X3	VBD20-B010-B030 883.72	VBD30-B010-B030 904.42	1	0	470
1-1/2X4	VBD20-B015-B040 1301.20	VBD30-B015-B040 1352.76	1	0	470
2X4	VBD20-B020-B040 1363.92	VBD30-B020-B040 1436.17	1	0	470

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

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
1/2X2	VBD20-C005-A020 573.53	VBD30-C005-A020 648.23	1	0	470
3/4X3	VBD20-C007-A030 609.21	VBD30-C007-A030 743.69	1	0	470
1X3	VBD20-C010-A030 687.61	VBD30-C010-A030 787.64	1	0	470
1-1/2X4	VBD20-C015-A040 1092.96	VBD30-C015-A040 1213.39	1	0	470
2X4	VBD20-C020-A040 1135.87	VBD30-C020-A040 1277.52	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	Prod Code
1/2X2	VBD20-C005-B020 887.75	VBD30-C005-B020 962.47	1	5	470
3/4X3	VBD20-C007-B030 970.85	VBD30-C007-B030 1105.34	1	6	470
1X3	VBD20-C010-B030 1023.60	VBD30-C010-B030 1123.64	1	6	470
1-1/2X4	VBD20-C015-B040 1525.52	VBD30-C015-B040 1615.07	1	4	470
2X4	VBD20-C020-B040 1568.44	VBD30-C020-B040 1710.07	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	Prod Code
1/2X2	VBD20-C005-C020 1270.32	VBD30-C005-C020 1345.03	1	0	470
3/4X3	VBD20-C007-C030 1352.48	VBD30-C007-C030 1486.99	1	0	470
1X3	VBD20-C010-C030 1405.19	VBD30-C010-C030 1505.23	1	0	470
1-1/2X4	VBD20-C015-C040 2488.56	VBD30-C015-C040 2578.08	1	0	470
2X4	VBD20-C020-C040 2531.45	VBD30-C020-C040 2673.09	1	0	470

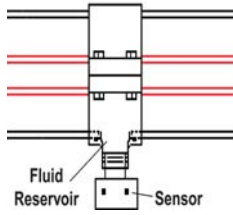
Valve Box, with CPVC True Union Diaphragm Valve
CPVC Sch 80 x PVC Sch 40 Clear

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
1/2X2	VBD20-C005-G020 1751.17	VBD30-C005-G020 1825.88	1	0	470
3/4X3	VBD20-C007-G030 1787.01	VBD30-C007-G030 1921.52	1	0	470
1X3	VBD20-C010-G030 1839.79	VBD30-C010-G030 1939.82	1	0	470
1-1/2X4	VBD20-C015-G040 3241.51	VBD30-C015-G040 3330.66	1	0	470
2X4	VBD20-C020-G040 3284.43	VBD30-C020-G040 3426.06	1	0	470

Double Containment Product
Clamp-On Saddles for Leak Detection Sensors



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.

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*.

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

Material:	PVC/CPVC	
Seals:	EPDM/FKM	Maximum Service Temperature
Hardware:	Stainless Steel (no fluid contact)	PVC = 140°F (60°C)
Outlet:	Special Reinforced (SR) Female Plastic thread	CPVC = 200°F (93°C)
	1/2" or 3/4" NPT (see note below)	Temperature/Pressure De-ratings Apply
PR, Water:	235 psi @ 73°F (23°C), 2" - 4"	
	200 psi @ 73°F (23°C)	
	150 psi @ 73°F (23°C), 8"	

PVC White Clamp-On Saddle x SR Thread

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Prod Code	MSRP
-------------	------	--------------	--------	----------	-----------	------

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	62.43
467SE-248SR	2X3/4	7/8	1	10	046	62.43
467SE-333SR ¹	3X1/2	7/8	1	10	046	83.77
467SE-334SR	3X3/4	7/8	1	10	046	83.77
467SE-415SR ¹	4X1/2	1-1/8	1	10	046	105.11
467SE-416SR ¹	4X3/4	1-1/8	1	10	046	105.11
467SE-523SR ¹	6X1/2	1-1/8	1	4	046	176.62
467SE-524SR ¹	6X3/4	1-1/8	1	4	046	176.62
467SE-573SR ¹	8X1/2	4	1	0	046	253.39
467SE-574SR ¹	8X3/4	4	1	0	046	253.39

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	Prod Code	MSRP
-------------	------	--------------	--------	----------	-----------	------

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	67.38
867S-248SR	2X3/4	7/8	1	10	086	67.38

Made in the U.S.A.

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

Effective 10/01/2018 See MSRP-1 Sheet or Check Spears® On-line Catalog @ www.spearsmfg.com for Pricing

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

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Prod Code	MSRP
-------------	------	--------------	--------	----------	-----------	------

with EPDM O-ring Seal & SS Hardware

867S-333SR ¹	3X1/2	7/8	1	10	086	90.59
867S-334SR	3X3/4	7/8	1	10	086	90.59
867S-415SR ¹	4X1/2	1-1/8	1	10	086	114.06
867S-416SR ¹	4X3/4	1-1/8	1	10	086	114.06
867S-523SR ¹	6X1/2	1-1/8	1	4	086	164.88
867S-524SR ¹	6X3/4	1-1/8	1	4	086	164.88
867S-573SR ¹	8X1/2	4	1	0	086	305.75
867S-574SR ¹	8X3/4	4	1	0	086	305.75

¹ Outlet sized with Adapter

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Prod Code	MSRP
-------------	------	--------------	--------	----------	-----------	------

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	75.39
867SV-248SR	2X3/4	7/8	1	10	086	75.39
867SV-333SR ¹	3X1/2	7/8	1	10	086	100.80
867SV-334SR	3X3/4	7/8	1	10	086	100.80
867SV-415SR ¹	4X1/2	1-1/8	1	10	086	127.27
867SV-416SR ¹	4X3/4	1-1/8	1	10	086	127.27
867SV-523SR ¹	6X1/2	1-1/8	1	4	086	186.94
867SV-524SR ¹	6X3/4	1-1/8	1	4	086	186.94
867SV-573SR ¹	8X1/2	4	1	0	086	334.06
867SV-574SR ¹	8X3/4	4	1	0	086	334.06

¹ Outlet sized with Adapter

CPVC Gray Clamp-On Saddle x SR Thread

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Prod Code	MSRP
-------------	------	--------------	--------	----------	-----------	------

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	112.84
867S-248CSR	2X3/4	7/8	1	10	096	112.84
867S-333CSR ¹	3X1/2	7/8	1	10	096	151.06
867S-334CSR	3X3/4	7/8	1	10	096	151.06
867S-415CSR ¹	4X1/2	1-1/8	1	10	096	190.11
867S-416CSR ¹	4X3/4	1-1/8	1	10	096	190.11
867S-523CSR ¹	6X1/2	1-1/8	1	4	096	316.84
867S-524CSR ¹	6X3/4	1-1/8	1	4	096	316.84
867S-573CSR	8X1/2	4	1	0	096	562.88
867S-574CSR ¹	8X3/4	4	1	0	096	562.88

¹ Outlet sized with Adapter

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Prod Code	MSRP
-------------	------	--------------	--------	----------	-----------	------

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	125.64
867SV-248CSR	2X3/4	7/8	1	10	096	125.64
867SV-333CSR ¹	3X1/2	7/8	1	10	096	168.79
867SV-334CSR	3X3/4	7/8	1	10	096	168.79
867SV-415CSR ¹	4X1/2	1-1/8	1	10	096	213.24
867SV-416CSR ¹	4X3/4	1-1/8	1	10	096	213.24
867SV-523CSR ¹	6X1/2	1-1/8	1	4	096	355.41
867SV-524CSR ¹	6X3/4	1-1/8	1	4	096	355.41
867SV-573CSR ¹	8X1/2	4	1	0	096	612.25
867SV-574CSR ¹	8X3/4	4	1	0	096	612.25

¹ Outlet sized with Adapter