



Double Containment Product
Double Containment Products

Double Containment



PRODUCT

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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).

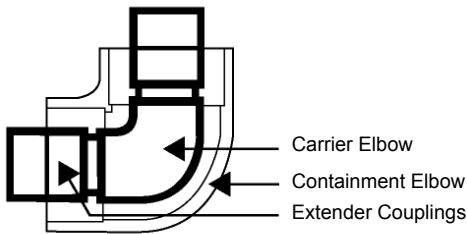
Note: Assembled carrier/containment pipe available on request. Contact Spears® for additional information.

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.

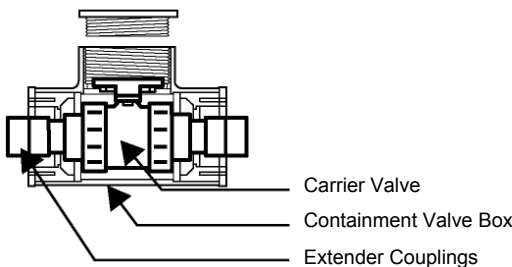
Valve Boxes: Like DC Fittings, Valve Boxes include all necessary components for connection to the designated Carrier x Containment system. Valve Boxes include the applicable True Union Industrial Ball Valve, Ball Check Valve, or Diaphragm Valve, with designated elastomer seals. Refer to example below (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	48.00
DC01-A007-A030	3/4X3	1	10	470	102.74
DC01-A010-A030	1X3	1	10	470	104.63
DC01-A015-A040	1-1/2X4	1	4	470	142.53
DC01-A020-A040	2X4	1	4	470	187.68
DC01-A030-A060	3X6	1	2	470	279.58
DC01-A040-A080	4X8	1	2	470	459.13
DC01-A060-A100	6X10	1	0	470	1139.97
DC01-A080-A120	8X12	1	0	470	1743.24

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	127.21
DC01-A007-G030	3/4X3	1	10	470	272.17
DC01-A010-G030	1X3	1	10	470	285.05
DC01-A015-G040	1-1/2X4	1	4	470	370.00

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	404.84
DC01-A030-G060	3X6	1	2	470	796.99
DC01-A040-G080	4X8	1	2	470	1356.39

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	76.56
DC01-B007-A030	3/4X3	1	10	470	101.64
DC01-B010-A030	1X3	1	10	470	105.07
DC01-B015-A040	1-1/2X4	1	4	470	159.15
DC01-B020-A040	2X4	1	2	470	394.59
DC01-B030-A060	3X6	1	2	470	398.16
DC01-B040-A080	4X8	1	2	470	1075.84
DC01-B060-A100	6X10	1	0	470	1703.77
DC01-B080-A120	8X12	1	0	470	2721.61

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	253.26
DC01-B007-G030	3/4X3	1	10	470	442.60
DC01-B010-G030	1X3	1	10	470	494.32
DC01-B015-G040	1-1/2X4	1	4	470	780.14
DC01-B020-G040	2X4	1	2	470	941.52
DC01-B030-G060	3X6	1	2	470	1206.46
DC01-B040-G080	4X8	1	2	470	2509.91

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	117.88
DC01-B007-B030	3/4X3	1	10	470	142.12
DC01-B010-B030	1X3	1	5	470	145.45
DC01-B015-B040	1-1/2X4	1	4	470	196.92
DC01-B020-B040 ¹	2X4	1	0	470	735.59
DC01-B030-B060	3X6	1	2	470	471.26
DC01-B040-B080	4X8	1	0	470	1360.17
DC01-B060-B100	6X10	1	0	470	1681.71
DC01-B080-B120	8X12	1	0	470	3880.78

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	83.25
DC01-C007-A030	3/4X3	1	5	470	109.53
DC01-C010-A030	1X3	1	10	470	123.28
DC01-C015-A040	1-1/2X4	1	4	470	204.96
DC01-C020-A040	2X4	1	2	470	455.65
DC01-C030-A060	3X6	1	2	470	1052.99
DC01-C040-A080	4X8	1	0	470	839.45
DC01-C060-A100	6X10	1	0	470	1957.32
DC01-C080-A120	8X12	1	0	470	3081.82

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	124.48
DC01-C007-B030	3/4X3	1	5	470	149.93
DC01-C010-B030	1X3	1	5	470	163.80

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	236.93
DC01-C020-B040 ¹	2X4	1	4	470	822.41
DC01-C030-B060	3X6	1	2	470	1499.96
DC01-C040-B080	4X8	1	0	470	1094.27
DC01-C060-B100	6X10	1	0	470	3130.77
DC01-C080-B120	8X12	1	0	470	3812.47

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	130.58
DC01-C007-C030	3/4X3	1	10	470	220.67
DC01-C010-C030	1X3	1	5	470	234.55
DC01-C015-C040	1-1/2X4	1	5	470	341.97
DC01-C020-C040 ¹	2X4	1	0	470	568.67
DC01-C030-C060	3X6	1	2	470	1197.85
DC01-C040-C080	4X8	1	2	470	1843.35
DC01-C060-C100	6X10	1	0	470	3222.43
DC01-C080-C120	8X12	1	0	470	5820.69

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	161.84
DC01-C007-G030	3/4X3	1	5	470	449.33
DC01-C010-G030	1X3	1	10	470	463.20
DC01-C015-G040	1-1/2X4	1	6	470	872.96
DC01-C020-G040 ¹	2X4	1	2	470	3037.49
DC01-C030-G060 ¹	3X6	1	2	470	1980.05
DC01-C040-G080	4X8	1	2	470	2641.26

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	38.24
DC06-A007-A030	3/4X3	1	10	470	49.84
DC06-A010-A030	1X3	1	10	470	51.51
DC06-A015-A040	1-1/2X4	1	5	470	66.12
DC06-A020-A040	2X4	1	5	470	84.14
DC06-A030-A060	3X6	2	0	470	168.79
DC06-A040-A080	4X8	1	2	470	327.93
DC06-A060-A100	6X10	1	0	470	1073.54
DC06-A080-A120	8X12	1	0	470	1574.35

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	102.02
DC06-A007-G030	3/4X3	1	10	470	281.47
DC06-A010-G030	1X3	1	4	470	283.22
DC06-A015-G040	1-1/2X4	1	5	470	480.77
DC06-A020-G040	2X4	1	8	470	498.79
DC06-A030-G060	3X6	1	2	470	876.58
DC06-A040-G080	4X8	1	2	470	1533.57

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	53.47
DC06-B007-A030	3/4X3	1	10	470	70.46
DC06-B010-A030	1X3	1	10	470	73.78
DC06-B015-A040	1-1/2X4	1	5	470	102.64
DC06-B020-A040	2X4	1	5	470	121.42
DC06-B030-A060	3X6	1	2	470	261.63
DC06-B040-A080	4X8	1	2	470	441.93
DC06-B060-A100	6X10	1	0	470	1300.82
DC06-B080-A120	8X12	1	0	470	1944.13

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	116.83
DC06-B007-G030	3/4X3	1	10	470	302.05
DC06-B010-G030	1X3	1	10	470	305.36
DC06-B015-G040	1-1/2X4	1	8	470	515.83
DC06-B020-G040	2X4	1	4	470	520.33
DC06-B030-G060	3X6	1	4	470	260.31
DC06-B040-G080	4X8	1	2	470	1647.60

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	62.27
DC06-B007-B030	3/4X3	1	10	470	89.28
DC06-B010-B030	1X3	1	10	470	92.64
DC06-B015-B040	1-1/2X4	1	5	470	125.61
DC06-B020-B040	2X4	1	4	470	130.25
DC06-B030-B060	3X6	1	2	470	321.86
DC06-B040-B080	4X8	1	2	470	624.06
DC06-B060-B100	6X10	1	0	470	2277.38
DC06-B080-B120	8X12	1	0	470	3184.66



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	57.41
DC06-C007-A030	3/4X3	1	5	470	75.64
DC06-C010-A030	1X3	1	5	470	88.01
DC06-C015-A040	1-1/2X4	1	8	470	142.99
DC06-C020-A040	2X4	1	5	470	172.57
DC06-C030-A060	3X6	1	5	470	335.34
DC06-C040-A080	4X8	1	2	470	644.98
DC06-C060-A100	6X10	1	0	470	1712.59
DC06-C080-A120	8X12	1	0	470	3285.85

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	66.22
DC06-C007-B030	3/4X3	1	5	470	94.48
DC06-C010-B030	1X3	1	5	470	121.48
DC06-C015-B040	1-1/2X4	1	4	470	167.43
DC06-C020-B040	2X4	1	4	470	197.00
DC06-C030-B060	3X6	1	0	470	439.67
DC06-C040-B080	4X8	1	2	470	827.12
DC06-C060-B100	6X10	1	0	470	2689.09
DC06-C080-B120	8X12	1	0	470	4526.59

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	92.64
DC06-C007-C030	3/4X3	1	10	470	163.56
DC06-C010-C030	1X3	1	5	470	175.46
DC06-C015-C040	1-1/2X4	1	5	470	309.53
DC06-C020-C040	2X4	1	4	470	330.32
DC06-C030-C060	3X6	2	0	470	576.01
DC06-C040-C080	4X8	1	2	470	1329.63
DC06-C060-C100	6X10	1	0	470	3293.11
DC06-C080-C120	8X12	1	0	470	5434.41

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	121.20
DC06-C007-G030	3/4X3	1	4	470	307.67
DC06-C010-G030	1X3	1	5	470	319.58
DC06-C015-G040	1-1/2X4	1	8	470	557.66
DC06-C020-G040	2X4	1	8	470	587.11
DC06-C030-G060	3X6	1	5	470	1087.43
DC06-C040-G080	4X8	1	2	470	1853.80

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	39.36
DC17-A007-A030	3/4X3	1	5	470	55.59
DC17-A010-A030	1X3	1	5	470	56.93
DC17-A015-A040	1-1/2X4	1	5	470	75.64
DC17-A020-A040	2X4	1	4	470	93.25
DC17-A030-A060	3X6	2	0	470	174.26
DC17-A040-A080	4X8	1	3	470	323.86
DC17-A060-A100	6X10	1	0	470	771.45
DC17-A080-A120	8X12	1	0	470	1269.21

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	123.25
DC17-A007-G030	3/4X3	1	8	470	356.46
DC17-A010-G030	1X3	1	5	470	357.72
DC17-A015-G040	1-1/2X4	1	5	470	630.48
DC17-A020-G040	2X4	1	4	470	633.72
DC17-A030-G060	3X6	1	2	470	1123.06
DC17-A040-G080	4X8	1	3	470	1354.29

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	56.64
DC17-B007-A030	3/4X3	1	8	470	80.94
DC17-B010-A030	1X3	1	10	470	86.71
DC17-B015-A040	1-1/2X4	1	5	470	122.55

Double Containment Product
45° Ells & Couplings



45° Ells

DC 45° Ell 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	146.49
DC17-B030-A060	3X6	1	7	470	307.13
DC17-B040-A080	4X8	1	2	470	519.11
DC17-B060-A100	6X10	1	0	470	1033.54
DC17-B080-A120	8X12	1	0	470	1601.57

DC 45° Ell 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	132.05
DC17-B007-G030	3/4X3	1	8	470	381.83
DC17-B010-G030	1X3	1	5	470	389.17
DC17-B015-G040	1-1/2X4	1	5	470	664.97
DC17-B020-G040	2X4	1	5	470	686.96
DC17-B030-G060	3X6	1	4	470	1255.80
DC17-B040-G080	4X8	1	3	470	2075.39

DC 45° Ell 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	83.28
DC17-B007-B030	3/4X3	1	8	470	139.55
DC17-B010-B030	1X3	1	5	470	151.16
DC17-B015-B040	1-1/2X4	1	5	470	228.22
DC17-B020-B040	2X4	1	5	470	237.34
DC17-B030-B060	3X6	1	2	470	395.82
DC17-B040-B080	4X8	1	2	470	691.29
DC17-B060-B100	6X10	1	0	470	1695.92
DC17-B080-B120	8X12	1	0	470	2344.67

DC 45° Ell 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	59.57
DC17-C007-A030	3/4X3	1	8	470	84.03
DC17-C010-A030	1X3	1	10	470	97.92
DC17-C015-A040	1-1/2X4	1	5	470	156.58
DC17-C020-A040	2X4	1	5	470	183.77
DC17-C030-A060	3X6	1	5	470	300.98
DC17-C040-A080	4X8	1	3	470	600.72
DC17-C060-A100	6X10	1	0	470	1514.72
DC17-C080-A120	8X12	1	0	470	3036.12

DC 45° Ell 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	85.41
DC17-C007-B030	3/4X3	1	5	470	142.62
DC17-C010-B030	1X3	1	5	470	156.05
DC17-C015-B040	1-1/2X4	1	4	470	177.93
DC17-C020-B040	2X4	1	5	470	205.34
DC17-C030-B060	3X6	1	5	470	423.62
DC17-C040-B080	4X8	1	2	470	772.37
DC17-C060-B100	6X10	1	0	470	2174.15
DC17-C080-B120	8X12	1	0	470	3779.21

DC 45° Ell 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	97.13
DC17-C007-C030	3/4X3	1	8	470	175.52
DC17-C010-C030	1X3	1	10	470	189.39
DC17-C015-C040	1-1/2X4	1	5	470	273.67
DC17-C020-C040	2X4	1	5	470	301.08
DC17-C030-C060	3X6	1	2	470	683.87
DC17-C040-C080	4X8	1	2	470	1367.57
DC17-C060-C100	6X10	1	0	470	4142.52
DC17-C080-C120	8X12	1	0	470	5691.42

DC 45° Ell 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	134.06
DC17-C007-G030	3/4X3	1	8	470	384.91
DC17-C010-G030	1X3	1	10	470	398.77
DC17-C015-G040	1-1/2X4	1	5	470	711.75
DC17-C020-G040	2X4	1	5	470	724.46
DC17-C030-G060	3X6	1	5	470	1349.21
DC17-C040-G080	4X8	1	3	470	2282.82

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	7.51
DC29-A007-A030	3/4X3	1	10	470	9.48
DC29-A010-A030	1X3	1	10	470	9.97
DC29-A015-A040	1-1/2X4	1	6	470	14.43
DC29-A020-A040	2X4	1	10	470	15.32



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	49.17
DC29-A040-A080	4X8	1	6	470	88.07
DC29-A060-A100	6X10	1	2	470	259.91
DC29-A080-A120	8X12	1	0	470	512.79

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	41.47
DC29-A007-G030	3/4X3	1	10	470	141.19
DC29-A010-G030	1X3	1	10	470	141.60
DC29-A015-G040	1-1/2X4	1	6	470	204.57
DC29-A020-G040	2X4	1	8	470	205.44
DC29-A030-G060	3X6	1	4	470	389.35
DC29-A040-G080	4X8	1	6	470	670.18

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	9.18
DC29-B007-A030	3/4X3	1	10	470	17.91
DC29-B010-A030	1X3	1	5	470	18.04
DC29-B015-A040	1-1/2X4	1	6	470	27.88
DC29-B020-A040	2X4	1	5	470	29.01
DC29-B030-A060	3X6	1	4	470	86.29
DC29-B040-A080	4X8	1	6	470	132.89
DC29-B060-A100	6X10	1	2	470	343.42
DC29-B080-A120	8X12	1	4	470	605.96

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	47.52
DC29-B007-G030	3/4X3	1	10	470	149.52
DC29-B010-G030	1X3	1	10	470	149.74
DC29-B015-G040	1-1/2X4	1	6	470	212.16
DC29-B020-G040	2X4	1	8	470	219.15
DC29-B030-G060	3X6	1	4	470	381.52
DC29-B040-G080	4X8	1	4	470	707.04

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	22.85
DC29-B007-B030	3/4X3	1	5	470	54.95
DC29-B010-B030	1X3	1	5	470	55.18
DC29-B015-B040	1-1/2X4	1	5	470	72.69
DC29-B020-B040	2X4	1	8	470	73.81
DC29-B030-B060	3X6	1	8	470	169.81
DC29-B040-B080	4X8	1	4	470	226.07
DC29-B060-B100	6X10	1	2	470	702.27
DC29-B080-B120	8X12	1	0	470	835.29

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	9.63

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	18.72
DC29-C010-A030	1X3	1	10	470	22.15
DC29-C015-A040	1-1/2X4	1	6	470	37.85
DC29-C020-A040	2X4	1	6	470	41.93
DC29-C030-A060	3X6	1	4	470	110.85
DC29-C040-A080	4X8	1	6	470	167.76
DC29-C060-A100	6X10	1	2	470	437.21
DC29-C080-A120	8X12	1	4	470	672.36

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	22.74
DC29-C007-B030	3/4X3	1	5	470	55.84
DC29-C010-B030	1X3	1	5	470	59.29
DC29-C015-B040	1-1/2X4	1	6	470	82.66
DC29-C020-B040	2X4	1	4	470	84.19
DC29-C030-B060	3X6	1	4	470	194.32
DC29-C040-B080	4X8	1	4	470	238.60
DC29-C060-B100	6X10	1	2	470	708.02
DC29-C080-B120	8X12	1	0	470	1254.88

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	36.21
DC29-C007-C030	3/4X3	1	5	470	80.41
DC29-C010-C030	1X3	1	10	470	83.80
DC29-C015-C040	1-1/2X4	1	5	470	117.53
DC29-C020-C040	2X4	1	8	470	121.59
DC29-C030-C060	3X6	1	4	470	288.16
DC29-C040-C080	4X8	1	4	470	680.69
DC29-C060-C100	6X10	1	2	470	957.57
DC29-C080-C120	8X12	1	0	470	1452.84

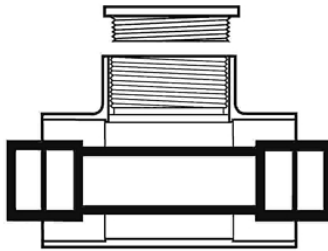
DC Coupling CPVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC29-C005-G020	1/2X2	1	10	470	47.96
DC29-C007-G030	3/4X3	1	10	470	150.43
DC29-C010-G030	1X3	1	10	470	153.85
DC29-C015-G040	1-1/2X4	1	6	470	228.01
DC29-C020-G040	2X4	1	6	470	232.05
DC29-C030-G060	3X6	1	10	470	435.77
DC29-C040-G080	4X8	1	6	470	749.85

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	46.99
DCAT-A007-A030	3/4X3	1	5	470	78.26
DCAT-A010-A030	1X3	1	5	470	79.23
DCAT-A015-A040	1-1/2X4	1	3	470	111.41
DCAT-A020-A040	2X4	1	5	470	145.33
DCAT-A030-A060	3X6	1	4	470	400.45
DCAT-A040-A080	4X8	1	0	470	834.82
DCAT-A060-A100	6X10	1	0	470	1900.18
DCAT-A080-A120	8X12	1	0	470	2683.20

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	237.98
DCAT-A007-G030	3/4X3	1	10	470	632.05
DCAT-A010-G030	1X3	1	10	470	633.05
DCAT-A015-G040	1-1/2X4	1	6	470	1040.55
DCAT-A020-G040	2X4	1	6	470	1054.05
DCAT-A030-G060	3X6	1	4	470	1431.51
DCAT-A040-G080	4X8	1	0	470	2627.96

DC Access Tee PVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCAT-B005-A020	1/2X2	1	10	470	59.32
DCAT-B007-A030	3/4X3	1	10	470	94.92
DCAT-B010-A030	1X3	1	6	470	95.39
DCAT-B015-A040	1-1/2X4	1	6	470	138.36
DCAT-B020-A040	2X4	1	6	470	152.34
DCAT-B030-A060	3X6	1	5	470	474.73
DCAT-B040-A080	4X8	1	2	470	924.40

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	2081.78
DCAT-B080-A120	8X12	1	0	470	2969.91

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	287.36
DCAT-B007-G030	3/4X3	1	10	470	648.73
DCAT-B010-G030	1X3	1	10	470	649.06
DCAT-B015-G040	1-1/2X4	1	3	470	1066.03
DCAT-B020-G040	2X4	1	6	470	1069.73
DCAT-B030-G060	3X6	1	4	470	1505.76
DCAT-B040-G080	4X8	1	2	470	2717.53

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	98.47
DCAT-B007-B030	3/4X3	1	5	470	179.62
DCAT-B010-B030	1X3	1	6	470	180.21
DCAT-B015-B040	1-1/2X4	1	5	470	308.88
DCAT-B020-B040	2X4	1	5	470	322.85
DCAT-B030-B060	3X6	1	4	470	713.44
DCAT-B040-B080	4X8	1	2	470	1185.13
DCAT-B060-B100	6X10	1	0	470	3210.54
DCAT-B080-B120	8X12	1	0	470	3903.79

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	96.72
DCAT-C010-A030	1X3	1	6	470	103.61
DCAT-C015-A040	1-1/2X4	1	6	470	158.27
DCAT-C020-A040	2X4	1	6	470	178.14
DCAT-C030-A060	3X6	1	4	470	509.20
DCAT-C040-A080	4X8	1	2	470	992.40
DCAT-C060-A100	6X10	1	0	470	2269.44
DCAT-C080-A120	8X12	1	0	470	2967.84

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	99.35
DCAT-C007-B030	3/4X3	1	5	470	181.40
DCAT-C010-B030	1X3	1	5	470	188.28
DCAT-C015-B040	1-1/2X4	1	5	470	261.22
DCAT-C020-B040	2X4	1	5	470	348.65
DCAT-C030-B060	3X6	1	4	470	788.98
DCAT-C040-B080	4X8	1	2	470	1474.29
DCAT-C060-B100	6X10	1	0	470	3157.13
DCAT-C080-B120	8X12	1	0	470	4938.53

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	166.11
DCAT-C007-C030	3/4X3	1	5	470	549.21
DCAT-C010-C030	1X3	1	6	470	554.48
DCAT-C015-C040	1-1/2X4	1	5	470	784.04
DCAT-C020-C040	2X4	1	5	470	792.18



Double Containment Product
Access Tees & Closure Fittings

Access Tees

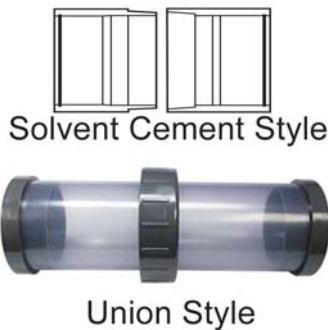
DC Access Tee CPVC Sch 80 x CPVC Sch 80 (continued)

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCAT-C030-C060	3X6	1	4	470	1695.46
DCAT-C040-C080	4X8	1	2	470	4305.98
DCAT-C060-C100	6X10	1	0	470	4604.93
DCAT-C080-C120	8X12	1	0	470	7017.29

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	309.05
DCAT-C007-G030	3/4X3	1	5	470	650.52
DCAT-C010-G030	1X3	1	5	470	657.42
DCAT-C015-G040	1-1/2X4	1	3	470	1087.41
DCAT-C020-G040	2X4	1	6	470	1095.56
DCAT-C030-G060	3X6	1	4	470	1566.62
DCAT-C040-G080	4X8	1	2	470	2798.87

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	520.60
DCCF-A040	4	1	5	470	533.40
DCCF-A060	6	1	2	470	555.11
DCCF-A080	8	1	0	470	765.72
DCCF-A100	10	1	2	470	844.68
DCCF-A120	12	1	2	470	1334.31

DC Solvent Cement Closure Fitting PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCCF-B020	2	1	10	470	520.14
DCCF-B030	3	1	10	470	529.05
DCCF-B040	4	1	5	470	545.13
DCCF-B060	6	1	2	470	577.39
DCCF-B080	8	1	3	470	765.48
DCCF-B100	10	1	2	470	1015.86
DCCF-B120	12	1	0	470	1628.46

DC Solvent Cement Closure Fitting CPVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCCF-C020	2	1	10	470	528.04
DCCF-C030	3	1	10	470	550.06
DCCF-C040	4	1	5	470	574.11
DCCF-C060	6	1	2	470	699.78
DCCF-C080	8	1	3	470	941.38
DCCF-C100	10	1	2	470	1752.47
DCCF-C120	12	1	0	470	2780.44

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	580.91
DCCF-G040	4	1	5	470	603.53
DCCF-G060	6	1	2	470	715.85
DCCF-G080	8	1	6	470	1063.75

DC Union Closure Fittings PVC Clear - EPDM Seals

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCUC-030	3	1	0	471	157.89
DCUC-040	4	1	0	471	566.22
DCUC-060	6	1	0	471	254.13

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	639.20
DCUC2-060	6	1	0	471	761.68

Double Containment Product
Closure Fittings & Isolation Couplers

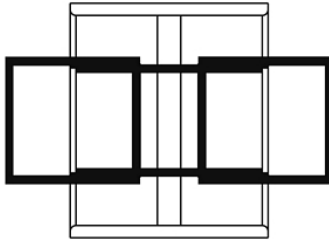


Closure Fittings

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	38.40
DCDB-A007-A030	3/4X3	1	5	470	61.17
DCDB-A010-A030	1X3	1	5	470	68.06
DCDB-A015-A040	1-1/2X4	1	6	470	70.21
DCDB-A020-A040	2X4	1	4	470	72.47
DCDB-A030-A060	3X6	1	4	470	116.21
DCDB-A040-A080	4X8	1	4	470	167.21
DCDB-A060-A100	6X10	1	10	470	223.24
DCDB-A080-A120	8X12	1	0	470	377.62

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	88.71
DCDB-A007-G030	3/4X3	1	5	470	109.65
DCDB-A010-G030	1X3	1	5	470	229.52
DCDB-A015-G040	1-1/2X4	1	4	470	264.29
DCDB-A020-G040	2X4	1	4	470	273.51
DCDB-A030-G060	3X6	1	4	470	299.20
DCDB-A040-G080	4X8	1	4	470	377.38

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	55.43
DCDB-B007-A030	3/4X3	1	5	470	66.38
DCDB-B010-A030	1X3	1	4	470	73.22

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	78.29
DCDB-B020-A040	2X4	1	4	470	84.62
DCDB-B030-A060	3X6	1	5	470	121.39
DCDB-B040-A080	4X8	1	4	470	181.73
DCDB-B060-A100	6X10	1	0	470	237.48
DCDB-B080-A120	8X12	1	0	470	408.48

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	116.99
DCDB-B010-G030	1X3	1	5	470	234.87
DCDB-B015-G040	1-1/2X4	1	5	470	303.83
DCDB-B020-G040	2X4	1	4	470	332.59
DCDB-B030-G060	3X6	1	5	470	369.32
DCDB-B040-G080	4X8	1	4	470	436.00

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	141.80
DCDB-B007-B030	3/4X3	1	5	470	173.93
DCDB-B010-B030	1X3	1	5	470	208.65
DCDB-B015-B040	1-1/2X4	1	4	470	220.12
DCDB-B020-B040	2X4	1	4	470	232.31
DCDB-B030-B060	3X6	1	4	470	250.98
DCDB-B040-B080	4X8	1	4	470	271.75
DCDB-B060-B100	6X10	1	0	470	278.37
DCDB-B080-B120	8X12	1	0	470	457.78

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	56.93
DCDB-C007-A030	3/4X3	1	5	470	76.36
DCDB-C010-A030	1X3	1	5	470	77.20
DCDB-C015-A040	1-1/2X4	1	4	470	90.60
DCDB-C020-A040	2X4	1	4	470	126.73
DCDB-C030-A060	3X6	1	5	470	205.22
DCDB-C040-A080	4X8	1	4	470	345.84
DCDB-C060-A100	6X10	1	0	470	532.27

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	57.41
DCDB-C007-B030	3/4X3	1	5	470	67.57
DCDB-C010-B030	1X3	1	5	470	68.43
DCDB-C015-B040	1-1/2X4	1	4	470	96.31
DCDB-C020-B040	2X4	1	4	470	132.40
DCDB-C030-B060	3X6	1	5	470	216.31
DCDB-C040-B080	4X8	1	4	470	365.43
DCDB-C060-B100	6X10	1	0	470	573.21

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	116.68
DCDB-C007-C030	3/4X3	1	5	470	129.01
DCDB-C010-C030	1X3	1	5	470	271.22



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	294.56
DCDB-C020-C040	2X4	1	4	470	329.80
DCDB-C030-C060	3X6	1	4	470	427.67
DCDB-C040-C080	4X8	1	4	470	436.18
DCDB-C060-C100	6X10	1	0	470	729.17

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	123.43
DCDB-C007-G030	3/4X3	1	5	470	135.84
DCDB-C010-G030	1X3	1	5	470	282.23
DCDB-C015-G040	1-1/2X4	1	4	470	385.96
DCDB-C020-G040	2X4	1	4	470	422.04
DCDB-C030-G060	3X6	1	5	470	448.51

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	127.21
DCTM-A007-A030	3/4X3	7	0	470	133.85
DCTM-A010-A030	1X3	9	0	470	140.19
DCTM-A015-A040	1-1/2X4	4	0	470	151.33
DCTM-A020-A040	2X4	5	0	470	158.87
DCTM-A030-A060	3X6	1	2	470	216.75
DCTM-A040-A080	4X8	1	2	470	282.72
DCTM-A060-A100	6X10	1	2	470	535.27
DCTM-A080-A120	8X12	1	2	470	865.86

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	165.56

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	270.93
DCTM-A010-G030	1X3	1	9	470	271.91
DCTM-A015-G040	1-1/2X4	1	4	470	341.47
DCTM-A020-G040	2X4	1	4	470	349.12
DCTM-A030-G060	3X6	1	2	470	541.66
DCTM-A040-G080	4X8	1	3	470	864.81

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	139.55
DCTM-B007-A030	3/4X3	9	0	470	155.87
DCTM-B010-A030	1X3	8	0	470	156.34
DCTM-B015-A040	1-1/2X4	4	0	470	178.29
DCTM-B020-A040	2X4	5	0	470	186.38
DCTM-B030-A060	3X6	1	4	470	291.01
DCTM-B040-A080	4X8	1	3	470	372.28
DCTM-B060-A100	6X10	1	0	470	708.82
DCTM-B080-A120	8X12	1	3	470	1052.24

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	182.96
DCTM-B007-G030	3/4X3	10	0	470	291.78
DCTM-B010-G030	1X3	8	0	470	292.24
DCTM-B015-G040	1-1/2X4	4	0	470	372.20
DCTM-B020-G040	2X4	5	0	470	379.67
DCTM-B030-G060	3X6	1	2	470	622.04
DCTM-B040-G080	4X8	1	3	470	1091.95

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	158.31
DCTM-B007-B030	3/4X3	8	0	470	197.22
DCTM-B010-B030	1X3	8	0	470	197.68
DCTM-B015-B040	1-1/2X4	4	0	470	226.25
DCTM-B020-B040	2X4	4	0	470	234.33
DCTM-B030-B060	3X6	1	2	470	380.64
DCTM-B040-B080	4X8	1	2	470	473.56
DCTM-B060-B100	6X10	1	2	470	1082.16
DCTM-B080-B120	8X12	1	3	470	1304.52

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	140.42
DCTM-C007-A030	3/4X3	1	8	470	157.65
DCTM-C010-A030	1X3	8	0	470	164.58
DCTM-C015-A040	1-1/2X4	4	0	470	198.20
DCTM-C020-A040	2X4	3	0	470	212.21
DCTM-C030-A060	3X6	1	2	470	340.16
DCTM-C040-A080	4X8	1	3	470	442.06
DCTM-C060-A100	6X10	1	0	470	895.39
DCTM-C080-A120	8X12	1	3	470	1891.66

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	159.19
DCTM-C007-B030	3/4X3	8	0	470	199.00
DCTM-C010-B030	1X3	8	0	470	205.89
DCTM-C015-B040	1-1/2X4	4	0	470	246.14
DCTM-C020-B040	2X4	1	4	470	260.16
DCTM-C030-B060	3X6	1	2	470	429.67
DCTM-C040-B080	4X8	1	3	470	543.32
DCTM-C060-B100	6X10	1	2	470	1269.89
DCTM-C080-B120	8X12	1	3	470	2143.77

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	189.98
DCTM-C007-G030	3/4X3	10	0	470	313.73
DCTM-C010-G030	1X3	9	0	470	325.89
DCTM-C015-G040	1-1/2X4	10	0	470	427.63
DCTM-C020-G040	2X4	3	0	470	441.65
DCTM-C030-G060	3X6	1	15	470	747.46
DCTM-C040-G080	4X8	1	3	470	1131.75

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	238.48
DCTM-C007-C030	3/4X3	8	0	470	243.71
DCTM-C010-C030	1X3	4	0	470	250.59
DCTM-C015-C040	1-1/2X4	4	0	470	317.19
DCTM-C020-C040	2X4	4	0	470	331.17
DCTM-C030-C060	3X6	1	3	470	599.86
DCTM-C040-C080	4X8	1	2	470	1072.38
DCTM-C060-C100	6X10	1	2	470	1632.14
DCTM-C080-C120	8X12	1	3	470	2624.13

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	14.66



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	14.66
DCCT-H010-A030	1X3	55	220	470	15.92
DCCT-H015-A040	1-1/2X4	55	0	470	21.18
DCCT-H020-A040	2X4	55	0	470	21.18
DCCT-H030-A060	3X6	55	0	470	27.04
DCCT-H040-A080	4X8	55	0	470	33.42
DCCT-H060-A100	6X10	25	0	470	43.36
DCCT-H080-A120	8X12	25	0	470	54.44

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	14.66
DCCT-H007-G020	3/4X2	55	330	470	14.66
DCCT-H010-G030	1X3	55	220	470	16.33
DCCT-H015-G040	1-1/2X4	55	220	470	21.18
DCCT-H020-G040	2X4	55	0	470	21.18
DCCT-H030-G060	3X6	55	0	470	27.04
DCCT-H040-G080	4X8	55	0	470	33.42

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	14.66
DCCT-H007-B020	3/4X2	55	330	470	14.66
DCCT-H010-B030	1X3	55	220	470	16.33
DCCT-H015-B040	1-1/2X4	55	0	470	16.33
DCCT-H020-B040	2X4	55	0	470	21.18
DCCT-H030-B060	3X6	55	0	470	27.04
DCCT-H040-B080	4X8	55	0	470	33.42
DCCT-H060-B100	6X10	25	0	470	43.36
DCCT-H080-B120	8X12	20	0	470	54.44

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	14.66
DCCT-H007-C030	3/4X3	55	220	470	14.66
DCCT-H010-C030	1X3	55	220	470	16.33
DCCT-H015-C040	1-1/2X4	55	0	470	16.33
DCCT-H020-C040	2X4	55	0	470	21.18
DCCT-H030-C060	3X6	55	0	470	27.04
DCCT-H040-C080	4X8	55	0	470	33.42
DCCT-H060-C100	6X10	1	24	470	43.36
DCCT-H080-C120	8X12	20	0	470	54.44

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 326.78	VBA30-A005-A020 332.54	1	0	470
3/4X3	VBA20-A007-A030 340.36	VBA30-A007-A030 347.19	1	5	470
1X3	VBA20-A010-A030 441.12	VBA30-A010-A030 358.22	1	0	470
1-1/2X4	VBA20-A015-A040 600.69	VBA30-A015-A040 613.92	1	0	470
2X4	VBA20-A020-A040 683.02	VBA30-A020-A040 638.25	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 1449.51	VBA30-A005-G020 1455.25	1	0	470
3/4X3	VBA20-A007-G030 1459.24	VBA30-A007-G030 1466.08	1	0	470
1X3	VBA20-A010-G030 1471.13	VBA30-A010-G030 1480.48	1	0	470
1-1/2X4	VBA20-A015-G040 2645.49	VBA30-A015-G040 2658.71	1	0	470
2X4	VBA20-A020-G040 2685.01	VBA30-A020-G040 2701.78	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 342.93	VBA30-B005-A020 348.68	1	0	470
3/4X3	VBA20-B007-A030 357.02	VBA30-B007-A030 363.84	1	0	470
1X3	VBA20-B010-A030 369.04	VBA30-B010-A030 694.27	1	0	470
1-1/2X4	VBA20-B015-A040 637.77	VBA30-B015-A040 809.31	1	0	470
2X4	VBA20-B020-A040 701.56	VBA30-B020-A040 840.06	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 1461.06	VBA30-B005-G020 1466.81	1	0	470
3/4X3	VBA20-B007-G030 1475.99	VBA30-B007-G030 1482.82	1	0	470
1X3	VBA20-B010-G030 1487.95	VBA30-B010-G030 1496.44	1	0	470
1-1/2X4	VBA20-B015-G040 2679.04	VBA30-B015-G040 2692.27	1	0	470
2X4	VBA20-B020-G040 2719.71	VBA30-B020-G040 2735.78	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 489.11	VBA30-B005-B020 691.37	1	0	470
3/4X3	VBA20-B007-B030 700.57	VBA30-B007-B030 707.40	1	0	470
1X3	VBA20-B010-B030 711.73	VBA30-B010-B030 719.54	1	0	470
1-1/2X4	VBA20-B015-B040 923.31	VBA30-B015-B040 936.66	1	0	470
2X4	VBA20-B020-B040 1084.27	VBA30-B020-B040 1100.46	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 369.21	VBA30-C005-A020 376.73	1	0	470
3/4X3	VBA20-C007-A030 383.34	VBA30-C007-A030 392.84	1	0	470
1X3	VBA20-C010-A030 406.51	VBA30-C010-A030 417.76	1	0	470
1-1/2X4	VBA20-C015-A040 719.86	VBA30-C015-A040 757.71	1	0	470
2X4	VBA20-C020-A040 773.68	VBA30-C020-A040 1191.43	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 703.79	VBA30-C005-B020 711.32	1	0	470
3/4X3	VBA20-C007-B030 726.94	VBA30-C007-B030 736.43	1	5	470
1X3	VBA20-C010-B030 750.05	VBA30-C010-B030 761.31	1	4	470
1-1/2X4	VBA20-C015-B040 1118.77	VBA30-C015-B040 1139.01	1	3	470
2X4	VBA20-C020-B040 1184.47	VBA30-C020-B040 1218.53	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 1062.75	VBA30-C005-C020 1070.26	1	0	470
3/4X3	VBA20-C007-C030 1089.49	VBA30-C007-C030 1099.00	1	3	470
1X3	VBA20-C010-C030 1135.56	VBA30-C010-C030 2038.56	1	0	470
1-1/2X4	VBA20-C015-C040 2197.88	VBA30-C015-C040 2216.83	1	3	470
2X4	VBA20-C020-C040 2263.15	VBA30-C020-C040 2297.20	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 1479.17	VBA30-C005-G020 1486.68	1	4	470
3/4X3	VBA20-C007-G030 1502.31	VBA30-C007-G030 1511.80	1	0	470
1X3	VBA20-C010-G030 1525.41	VBA30-C010-G030 1563.08	1	0	470
1-1/2X4	VBA20-C015-G040 2748.98	VBA30-C015-G040 2770.65	1	0	470
2X4	VBA20-C020-G040 2814.54	VBA30-C020-G040 2848.59	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 331.61	VBC3-A005-A020 339.00	1	4	470
3/4X3	VBC2-A007-A030 343.14	VBC3-A007-A030 351.21	1	4	470
1X3	VBC2-A010-A030 357.22	VBC3-A010-A030 366.67	1	0	470
1-1/2X4	VBC2-A015-A040 629.17	VBC3-A015-A040 644.40	1	3	470
2X4	VBC2-A020-A040 681.56	VBC3-A020-A040 702.68	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 1456.65	VBC3-A005-G020 1462.99	1	4	470
3/4X3	VBC2-A007-G030 1467.93	VBC3-A007-G030 1475.99	1	4	470
1X3	VBC2-A010-G030 1482.01	VBC3-A010-G030 1491.48	1	3	470
1-1/2X4	VBC2-A015-G040 2669.99	VBC3-A015-G040 2685.24	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 2722.25	VBC3-A020-G040 2743.37	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 349.78	VBC3-B005-A020 357.19	1	4	470
3/4X3	VBC2-B007-A030 365.66	VBC3-B007-A030 373.73	1	4	470
1X3	VBC2-B010-A030 379.24	VBC3-B010-A030 381.32	1	3	470
1-1/2X4	VBC2-B015-A040 656.14	VBC3-B015-A040 671.35	1	3	470
2X4	VBC2-B020-A040 708.82	VBC3-B020-A040 729.94	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 1468.72	VBC3-B005-G020 1476.13	1	0	470
3/4X3	VBC2-B007-G030 1484.59	VBC3-B007-G030 1492.66	1	4	470
1X3	VBC2-B010-G030 1498.18	VBC3-B010-G030 671.35	1	3	470
1-1/2X4	VBC2-B015-G040 2696.97	VBC3-B015-G040 2712.19	1	3	470
2X4	VBC2-B020-G040 2749.55	VBC3-B020-G040 1140.59	1	3	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 693.36	VBC3-B005-B020 699.97	1	0	470
3/4X3	VBC2-B007-B030 709.22	VBC3-B007-B030 717.29	1	4	470
1X3	VBC2-B010-B030 722.80	VBC3-B010-B030 508.94	1	3	470
1-1/2X4	VBC2-B015-B040 1066.69	VBC3-B015-B040 1081.93	1	3	470
2X4	VBC2-B020-B040 1119.45	VBC3-B020-B040 1140.57	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 384.26	VBC3-C005-A020 394.01	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 406.61	VBC3-C007-A030 418.07	1	0	470
1X3	VBC2-C010-A030 434.03	VBC3-C010-A030 445.46	1	0	470
1-1/2X4	VBC2-C015-A040 778.18	VBC3-C015-A040 801.18	1	0	470
2X4	VBC2-C020-A040 856.42	VBC3-C020-A040 888.25	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 721.98	VBC3-C005-B020 731.72	1	4	470
3/4X3	VBC2-C007-B030 744.34	VBC3-C007-B030 755.78	1	4	470
1X3	VBC2-C010-B030 769.87	VBC3-C010-B030 783.35	1	3	470
1-1/2X4	VBC2-C015-B040 1107.42	VBC3-C015-B040 1130.41	1	3	470
2X4	VBC2-C020-B040 1191.56	VBC3-C020-B040 1223.40	1	0	470

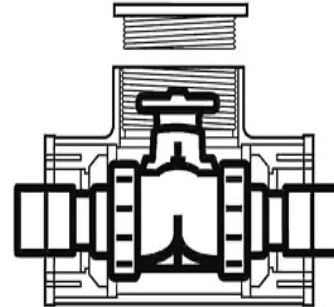
Valve Box, with CPVC True Union 2000 Industrial Ball Check Valve
 CPVC Sch 80 x CPVC Sch 80

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
1/2X2	VBC2-C005-C020 1143.23	VBC3-C005-C020 1152.98	1	0	470
3/4X3	VBC2-C007-C030 1165.73	VBC3-C007-C030 1177.18	1	4	470
1X3	VBC2-C010-C030 1191.12	VBC3-C010-C030 1204.59	1	4	470
1-1/2X4	VBC2-C015-C040 2070.75	VBC3-C015-C040 2093.76	1	3	470
2X4	VBC2-C020-C040 2146.05	VBC3-C020-C040 2177.91	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 1467.00	VBC3-C005-G020 1476.73	1	4	470
3/4X3	VBC2-C007-G030 1519.86	VBC3-C007-G030 1531.32	1	4	470
1X3	VBC2-C010-G030 1545.24	VBC3-C010-G030 1558.71	1	3	470
1-1/2X4	VBC2-C015-G040 2787.53	VBC3-C015-G040 2810.52	1	4	470
2X4	VBC2-C020-G040 2865.75	VBC3-C020-G040 2897.61	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 421.78	VBD30-A005-A020 437.60	1	0	470
3/4X3	VBD20-A007-A030 441.39	VBD30-A007-A030 459.34	1	0	470
1X3	VBD20-A010-A030 479.92	VBD30-A010-A030 499.58	1	0	470
1-1/2X4	VBD20-A015-A040 818.27	VBD30-A015-A040 867.27	1	0	470
2X4	VBD20-A020-A040 877.42	VBD30-A020-A040 946.06	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 1540.69	VBD30-A005-G020 1556.52	1	0	470
3/4X3	VBD20-A007-G030 1589.63	VBD30-A007-G030 1607.59	1	0	470
1X3	VBD20-A010-G030 1628.34	VBD30-A010-G030 1648.01	1	0	470
1-1/2X4	VBD20-A015-G040 2859.91	VBD30-A015-G040 2908.88	1	0	470
2X4	VBD20-A020-G040 2918.99	VBD30-A020-G040 2987.63	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 434.11	VBD30-B005-A020 449.91	1	0	470
3/4X3	VBD20-B007-A030 458.04	VBD30-B007-A030 476.00	1	0	470
1X3	VBD20-B010-A030 496.05	VBD30-B010-A030 515.74	1	0	470
1-1/2X4	VBD20-B015-A040 845.42	VBD30-B015-A040 894.40	1	0	470
2X4	VBD20-B020-A040 904.82	VBD30-B020-A040 973.46	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 1585.03	VBD30-B005-G020 1600.84	1	0	470
3/4X3	VBD20-B007-G030 1606.28	VBD30-B007-G030 1624.24	1	0	470
1X3	VBD20-B010-G030 1644.31	VBD30-B010-G030 1663.99	1	0	470
1-1/2X4	VBD20-B015-G040 2886.87	VBD30-B015-G040 2935.85	1	0	470
2X4	VBD20-B020-G040 2946.45	VBD30-B020-G040 3015.09	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 777.64	VBD30-B005-B020 793.47	1	0	470
3/4X3	VBD20-B007-B030 801.53	VBD30-B007-B030 819.49	1	0	470
1X3	VBD20-B010-B030 839.53	VBD30-B010-B030 859.20	1	0	470
1-1/2X4	VBD20-B015-B040 1236.14	VBD30-B015-B040 1285.12	1	0	470
2X4	VBD20-B020-B040 1295.72	VBD30-B020-B040 1364.36	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 544.85	VBD30-C005-A020 615.82	1	0	470
3/4X3	VBD20-C007-A030 578.75	VBD30-C007-A030 706.51	1	0	470
1X3	VBD20-C010-A030 653.23	VBD30-C010-A030 748.26	1	0	470
1-1/2X4	VBD20-C015-A040 1038.31	VBD30-C015-A040 1152.72	1	0	470
2X4	VBD20-C020-A040 1079.08	VBD30-C020-A040 1213.64	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 843.36	VBD30-C005-B020 914.35	1	5	470
3/4X3	VBD20-C007-B030 922.31	VBD30-C007-B030 1050.07	1	6	470
1X3	VBD20-C010-B030 972.42	VBD30-C010-B030 1067.46	1	6	470
1-1/2X4	VBD20-C015-B040 1449.24	VBD30-C015-B040 1534.32	1	4	470
2X4	VBD20-C020-B040 1490.02	VBD30-C020-B040 1624.57	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 1206.80	VBD30-C005-C020 1277.78	1	0	470
3/4X3	VBD20-C007-C030 1284.86	VBD30-C007-C030 1412.64	1	0	470
1X3	VBD20-C010-C030 1334.93	VBD30-C010-C030 1429.97	1	0	470
1-1/2X4	VBD20-C015-C040 2364.13	VBD30-C015-C040 2449.18	1	0	470
2X4	VBD20-C020-C040 2404.88	VBD30-C020-C040 2539.44	1	0	470

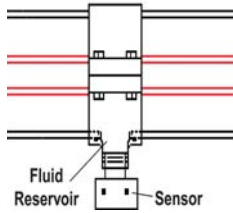
Valve Box, with CPVC True Union Diaphragm Valve
CPVC Sch 80 x PVC Sch 40 Clear

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
1/2X2	VBD20-C005-G020 1663.61	VBD30-C005-G020 1734.59	1	0	470
3/4X3	VBD20-C007-G030 1697.66	VBD30-C007-G030 1825.44	1	0	470
1X3	VBD20-C010-G030 1747.80	VBD30-C010-G030 1842.83	1	0	470
1-1/2X4	VBD20-C015-G040 3079.43	VBD30-C015-G040 3164.13	1	0	470
2X4	VBD20-C020-G040 3120.21	VBD30-C020-G040 3254.76	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
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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	59.31
467SE-248SR	2X3/4	7/8	1	10	046	59.31
467SE-333SR ¹	3X1/2	7/8	1	10	046	79.58
467SE-334SR	3X3/4	7/8	1	10	046	79.58
467SE-415SR ¹	4X1/2	1-1/8	1	10	046	99.85
467SE-416SR ¹	4X3/4	1-1/8	1	10	046	99.85
467SE-523SR ¹	6X1/2	1-1/8	1	4	046	167.79
467SE-524SR ¹	6X3/4	1-1/8	1	4	046	167.79
467SE-573SR ¹	8X1/2	4	1	0	046	240.72
467SE-574SR ¹	8X3/4	4	1	0	046	240.72

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
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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	64.01
867S-248SR	2X3/4	7/8	1	10	086	64.01

Made in the U.S.A.

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

Effective 06/26/2017 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
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with EPDM O-ring Seal & SS Hardware

867S-333SR ¹	3X1/2	7/8	1	10	086	86.06
867S-334SR	3X3/4	7/8	1	10	086	86.06
867S-415SR ¹	4X1/2	1-1/8	1	10	086	108.36
867S-416SR ¹	4X3/4	1-1/8	1	10	086	108.36
867S-523SR ¹	6X1/2	1-1/8	1	4	086	156.64
867S-524SR ¹	6X3/4	1-1/8	1	4	086	156.64
867S-573SR ¹	8X1/2	4	1	0	086	290.46
867S-574SR ¹	8X3/4	4	1	0	086	290.46

¹ Outlet sized with Adapter

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Prod Code	MSRP
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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	71.62
867SV-248SR	2X3/4	7/8	1	10	086	71.62
867SV-333SR ¹	3X1/2	7/8	1	10	086	95.76
867SV-334SR	3X3/4	7/8	1	10	086	95.76
867SV-415SR ¹	4X1/2	1-1/8	1	10	086	120.91
867SV-416SR ¹	4X3/4	1-1/8	1	10	086	120.91
867SV-523SR ¹	6X1/2	1-1/8	1	4	086	177.59
867SV-524SR ¹	6X3/4	1-1/8	1	4	086	177.59
867SV-573SR ¹	8X1/2	4	1	0	086	317.36
867SV-574SR ¹	8X3/4	4	1	0	086	317.36

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
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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	107.20
867S-248CSR	2X3/4	7/8	1	10	096	107.20
867S-333CSR ¹	3X1/2	7/8	1	10	096	143.51
867S-334CSR	3X3/4	7/8	1	10	096	143.51
867S-415CSR ¹	4X1/2	1-1/8	1	10	096	180.60
867S-416CSR ¹	4X3/4	1-1/8	1	10	096	180.60
867S-523CSR ¹	6X1/2	1-1/8	1	4	096	301.00
867S-524CSR ¹	6X3/4	1-1/8	1	4	096	301.00
867S-573CSR	8X1/2	4	1	0	096	534.74
867S-574CSR ¹	8X3/4	4	1	0	096	534.74

¹ Outlet sized with Adapter

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Prod Code	MSRP
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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-247CSR	2X1/2	3/4	1	10	096	119.36
867SV-248CSR	2X3/4	7/8	1	10	096	119.36
867SV-333CSR ¹	3X1/2	7/8	1	10	096	160.35
867SV-334CSR	3X3/4	7/8	1	10	096	160.35
867SV-415CSR ¹	4X1/2	1-1/8	1	10	096	202.58
867SV-416CSR ¹	4X3/4	1-1/8	1	10	096	202.58
867SV-523CSR ¹	6X1/2	1-1/8	1	4	096	337.64
867SV-524CSR ¹	6X3/4	1-1/8	1	4	096	337.64
867SV-573CSR ¹	8X1/2	4	1	0	096	581.64
867SV-574CSR ¹	8X3/4	4	1	0	096	581.64

¹ Outlet sized with Adapter