



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).

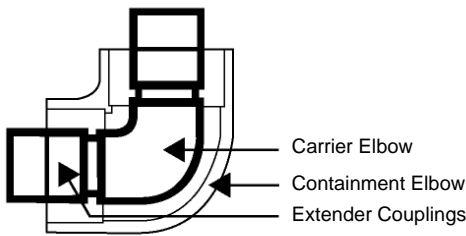
Note: Assembled carrier/containment pipe available on request. Contact Spears® for additional information.

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.

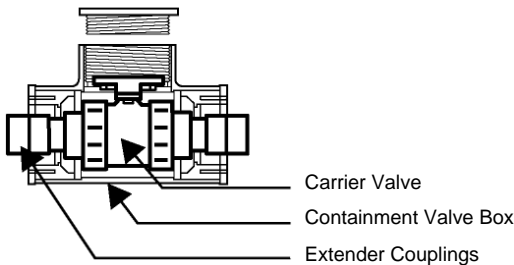
Valve Boxes: Like DC Fittings, Valve Boxes include all necessary components for connection to the designated Carrier x Containment system. Valve Boxes include the applicable True Union Industrial Ball Valve, Ball Check Valve, or Diaphragm Valve, with designated elastomer seals. Refer to example below (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	33.16
DC01-A007-A030	3/4X3	1	10	470	66.89
DC01-A010-A030	1X3	1	10	470	69.76
DC01-A015-A040	1-1/2X4	1	4	470	88.75
DC01-A020-A040	2X4	1	4	470	107.09
DC01-A030-A060	3X6	1	2	470	194.79
DC01-A040-A080	4X8	1	2	470	420.20
DC01-A060-A100	6X10	1	0	470	1263.13
DC01-A080-A120	8X12	1	0	470	1686.27

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	103.39
DC01-A007-G030	3/4X3	1	10	470	415.50
DC01-A010-G030	1X3	1	10	470	431.57
DC01-A015-G040	1-1/2X4	1	4	470	772.59

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	785.24
DC01-A030-G060	3X6	1	2	470	1371.78
DC01-A040-G080	4X8	1	2	470	2449.38

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	53.55
DC01-B007-A030	3/4X3	1	10	470	71.19
DC01-B010-A030	1X3	1	10	470	116.42
DC01-B015-A040	1-1/2X4	1	4	470	121.25
DC01-B020-A040	2X4	1	2	470	141.51
DC01-B030-A060	3X6	1	2	470	319.97
DC01-B040-A080	4X8	1	2	470	538.39
DC01-B060-A100	6X10	1	0	470	1562.64
DC01-B080-A120	8X12	1	0	470	2476.12

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	127.10
DC01-B007-G030	3/4X3	1	10	470	457.21
DC01-B010-G030	1X3	1	10	470	468.28
DC01-B015-G040	1-1/2X4	1	4	470	829.13
DC01-B020-G040	2X4	1	2	470	837.66
DC01-B030-G060	3X6	1	2	470	948.26
DC01-B040-G080	4X8	1	2	470	2592.38

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	88.51
DC01-B007-B030	3/4X3	1	10	470	103.51
DC01-B010-B030	1X3	1	5	470	112.35
DC01-B015-B040	1-1/2X4	1	4	470	158.93
DC01-B020-B040 ¹	2X4	1	0	470	532.73
DC01-B030-B060	3X6	1	2	470	423.10
DC01-B040-B080	4X8	1	0	470	854.56
DC01-B060-B100	6X10	1	0	470	2270.08
DC01-B080-B120	8X12	1	0	470	3538.91

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	56.00
DC01-C007-A030	3/4X3	1	5	470	74.12
DC01-C010-A030	1X3	1	10	470	82.03
DC01-C015-A040	1-1/2X4	1	4	470	148.20
DC01-C020-A040	2X4	1	2	470	173.80
DC01-C030-A060	3X6	1	2	470	1166.75
DC01-C040-A080	4X8	1	0	470	738.77
DC01-C060-A100	6X10	1	0	470	2002.66
DC01-C080-A120	8X12	1	0	470	4174.54

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	92.40
DC01-C007-B030	3/4X3	1	5	470	120.44
DC01-C010-B030	1X3	1	5	470	126.81

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	177.78
DC01-C020-B040 ¹	2X4	1	4	470	911.25
DC01-C030-B060	3X6	1	2	470	543.22
DC01-C040-B080	4X8	1	0	470	943.07
DC01-C060-B100	6X10	1	0	470	2131.64
DC01-C080-B120	8X12	1	0	470	5250.95

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	99.58
DC01-C007-C030	3/4X3	1	10	470	173.54
DC01-C010-C030	1X3	1	5	470	181.69
DC01-C015-C040	1-1/2X4	1	5	470	279.13
DC01-C020-C040 ¹	2X4	1	0	470	630.11
DC01-C030-C060	3X6	1	2	470	726.78
DC01-C040-C080	4X8	1	2	470	1728.60
DC01-C060-C100	6X10	1	0	470	3011.62
DC01-C080-C120	8X12	1	0	470	5403.28

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	133.07
DC01-C007-G030	3/4X3	1	5	470	458.84
DC01-C010-G030	1X3	1	10	470	473.52
DC01-C015-G040	1-1/2X4	1	6	470	855.45
DC01-C020-G040	2X4	1	2	470	865.31
DC01-C030-G060	3X6	1	2	470	1677.51
DC01-C040-G080	4X8	1	2	470	1994.36

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	42.37
DC06-A007-A030	3/4X3	1	10	470	55.22
DC06-A010-A030	1X3	1	10	470	57.07
DC06-A015-A040	1-1/2X4	1	5	470	73.26
DC06-A020-A040	2X4	1	5	470	93.23
DC06-A030-A060	3X6	2	0	470	187.02
DC06-A040-A080	4X8	1	2	470	363.36
DC06-A060-A100	6X10	1	0	470	1189.52
DC06-A080-A120	8X12	1	0	470	1744.43

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	113.04
DC06-A007-G030	3/4X3	1	10	470	311.87
DC06-A010-G030	1X3	1	4	470	313.82
DC06-A015-G040	1-1/2X4	1	5	470	532.71
DC06-A020-G040	2X4	1	8	470	552.67
DC06-A030-G060	3X6	1	2	470	971.28
DC06-A040-G080	4X8	1	2	470	1699.24

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	59.24
DC06-B007-A030	3/4X3	1	10	470	78.07
DC06-B010-A030	1X3	1	10	470	81.75
DC06-B015-A040	1-1/2X4	1	5	470	113.73
DC06-B020-A040	2X4	1	5	470	134.54
DC06-B030-A060	3X6	1	2	470	289.89
DC06-B040-A080	4X8	1	2	470	489.67
DC06-B060-A100	6X10	1	0	470	1441.35
DC06-B080-A120	8X12	1	0	470	2154.16

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	129.45
DC06-B007-G030	3/4X3	1	10	470	334.68
DC06-B010-G030	1X3	1	10	470	338.35
DC06-B015-G040	1-1/2X4	1	8	470	571.56
DC06-B020-G040	2X4	1	4	470	576.55
DC06-B030-G060	3X6	1	4	470	288.43
DC06-B040-G080	4X8	1	2	470	1825.60

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	69.00
DC06-B007-B030	3/4X3	1	10	470	98.93
DC06-B010-B030	1X3	1	10	470	102.65
DC06-B015-B040	1-1/2X4	1	5	470	139.18
DC06-B020-B040	2X4	1	4	470	144.33
DC06-B030-B060	3X6	1	2	470	356.63
DC06-B040-B080	4X8	1	2	470	691.48
DC06-B060-B100	6X10	1	0	470	2523.41
DC06-B080-B120	8X12	1	0	470	3528.71



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	63.61
DC06-C007-A030	3/4X3	1	5	470	83.81
DC06-C010-A030	1X3	1	5	470	97.52
DC06-C015-A040	1-1/2X4	1	8	470	158.44
DC06-C020-A040	2X4	1	5	470	191.21
DC06-C030-A060	3X6	1	5	470	371.57
DC06-C040-A080	4X8	1	2	470	714.66
DC06-C060-A100	6X10	1	0	470	1897.61
DC06-C080-A120	8X12	1	0	470	3640.83

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	73.38
DC06-C007-B030	3/4X3	1	5	470	104.68
DC06-C010-B030	1X3	1	5	470	134.60
DC06-C015-B040	1-1/2X4	1	4	470	185.52
DC06-C020-B040	2X4	1	4	470	218.28
DC06-C030-B060	3X6	1	0	470	487.17
DC06-C040-B080	4X8	1	2	470	916.47
DC06-C060-B100	6X10	1	0	470	2979.60
DC06-C080-B120	8X12	1	0	470	5015.61

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	102.65
DC06-C007-C030	3/4X3	1	10	470	181.23
DC06-C010-C030	1X3	1	5	470	194.41
DC06-C015-C040	1-1/2X4	1	5	470	342.97
DC06-C020-C040	2X4	1	4	470	366.01
DC06-C030-C060	3X6	2	0	470	638.24
DC06-C040-C080	4X8	1	2	470	1473.27
DC06-C060-C100	6X10	1	0	470	3648.87
DC06-C080-C120	8X12	1	0	470	6021.51

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	134.29
DC06-C007-G030	3/4X3	1	4	470	340.91
DC06-C010-G030	1X3	1	5	470	354.11
DC06-C015-G040	1-1/2X4	1	8	470	617.91
DC06-C020-G040	2X4	1	8	470	650.54
DC06-C030-G060	3X6	1	5	470	1204.91
DC06-C040-G080	4X8	1	2	470	2054.07

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	43.61
DC17-A007-A030	3/4X3	1	5	470	61.60
DC17-A010-A030	1X3	1	5	470	63.08
DC17-A015-A040	1-1/2X4	1	5	470	83.81
DC17-A020-A040	2X4	1	4	470	103.33
DC17-A030-A060	3X6	2	0	470	193.08
DC17-A040-A080	4X8	1	3	470	358.85
DC17-A060-A100	6X10	1	0	470	854.79
DC17-A080-A120	8X12	1	0	470	1406.33

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	136.57
DC17-A007-G030	3/4X3	1	8	470	394.97
DC17-A010-G030	1X3	1	5	470	396.37
DC17-A015-G040	1-1/2X4	1	5	470	698.59
DC17-A020-G040	2X4	1	4	470	702.18
DC17-A030-G060	3X6	1	2	470	1244.39
DC17-A040-G080	4X8	1	3	470	1500.60

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	62.76
DC17-B007-A030	3/4X3	1	8	470	89.68
DC17-B010-A030	1X3	1	10	470	96.07
DC17-B015-A040	1-1/2X4	1	5	470	135.79

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	162.32
DC17-B030-A060	3X6	1	7	470	340.31
DC17-B040-A080	4X8	1	2	470	575.19
DC17-B060-A100	6X10	1	0	470	1145.20
DC17-B080-A120	8X12	1	0	470	1774.59

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	146.32
DC17-B007-G030	3/4X3	1	8	470	423.08
DC17-B010-G030	1X3	1	5	470	431.21
DC17-B015-G040	1-1/2X4	1	5	470	736.81
DC17-B020-G040	2X4	1	5	470	761.18
DC17-B030-G060	3X6	1	4	470	1391.46
DC17-B040-G080	4X8	1	3	470	2299.60

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	92.27
DC17-B007-B030	3/4X3	1	8	470	154.62
DC17-B010-B030	1X3	1	5	470	167.49
DC17-B015-B040	1-1/2X4	1	5	470	252.87
DC17-B020-B040	2X4	1	5	470	262.98
DC17-B030-B060	3X6	1	2	470	438.58
DC17-B040-B080	4X8	1	2	470	765.97
DC17-B060-B100	6X10	1	0	470	1879.14
DC17-B080-B120	8X12	1	0	470	2597.97

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	66.01
DC17-C007-A030	3/4X3	1	8	470	93.11
DC17-C010-A030	1X3	1	10	470	108.49
DC17-C015-A040	1-1/2X4	1	5	470	173.49
DC17-C020-A040	2X4	1	5	470	203.62
DC17-C030-A060	3X6	1	5	470	333.49
DC17-C040-A080	4X8	1	3	470	665.62
DC17-C060-A100	6X10	1	0	470	1678.36
DC17-C080-A120	8X12	1	0	470	3364.13

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	94.64
DC17-C007-B030	3/4X3	1	5	470	158.03
DC17-C010-B030	1X3	1	5	470	172.91
DC17-C015-B040	1-1/2X4	1	4	470	197.15
DC17-C020-B040	2X4	1	5	470	227.53
DC17-C030-B060	3X6	1	5	470	469.39
DC17-C040-B080	4X8	1	2	470	855.81
DC17-C060-B100	6X10	1	0	470	2409.03
DC17-C080-B120	8X12	1	0	470	4187.49

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	107.62
DC17-C007-C030	3/4X3	1	8	470	194.48
DC17-C010-C030	1X3	1	10	470	209.85
DC17-C015-C040	1-1/2X4	1	5	470	303.23
DC17-C020-C040	2X4	1	5	470	333.61
DC17-C030-C060	3X6	1	2	470	757.75
DC17-C040-C080	4X8	1	2	470	1515.32
DC17-C060-C100	6X10	1	0	470	4590.05
DC17-C080-C120	8X12	1	0	470	6306.28

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	148.55
DC17-C007-G030	3/4X3	1	8	470	426.49
DC17-C010-G030	1X3	1	10	470	441.85
DC17-C015-G040	1-1/2X4	1	5	470	788.64
DC17-C020-G040	2X4	1	5	470	802.73
DC17-C030-G060	3X6	1	5	470	1494.97
DC17-C040-G080	4X8	1	3	470	2529.44

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	8.33
DC29-A007-A030	3/4X3	1	10	470	10.51
DC29-A010-A030	1X3	1	10	470	11.04
DC29-A015-A040	1-1/2X4	1	6	470	15.99
DC29-A020-A040	2X4	1	10	470	16.98



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	54.48
DC29-A040-A080	4X8	1	6	470	97.59
DC29-A060-A100	6X10	1	2	470	287.99
DC29-A080-A120	8X12	1	0	470	568.19

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	45.95
DC29-A007-G030	3/4X3	1	10	470	156.44
DC29-A010-G030	1X3	1	10	470	156.89
DC29-A015-G040	1-1/2X4	1	6	470	226.67
DC29-A020-G040	2X4	1	8	470	227.63
DC29-A030-G060	3X6	1	4	470	431.41
DC29-A040-G080	4X8	1	6	470	742.58

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	10.17
DC29-B007-A030	3/4X3	1	10	470	19.84
DC29-B010-A030	1X3	1	5	470	19.99
DC29-B015-A040	1-1/2X4	1	6	470	30.89
DC29-B020-A040	2X4	1	5	470	32.15
DC29-B030-A060	3X6	1	4	470	95.61
DC29-B040-A080	4X8	1	6	470	147.24
DC29-B060-A100	6X10	1	2	470	380.52
DC29-B080-A120	8X12	1	4	470	671.42

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	52.65
DC29-B007-G030	3/4X3	1	10	470	165.67
DC29-B010-G030	1X3	1	10	470	165.92
DC29-B015-G040	1-1/2X4	1	6	470	235.08
DC29-B020-G040	2X4	1	8	470	242.82
DC29-B030-G060	3X6	1	4	470	422.74
DC29-B040-G080	4X8	1	4	470	783.42

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	25.32
DC29-B007-B030	3/4X3	1	5	470	60.88
DC29-B010-B030	1X3	1	5	470	61.14
DC29-B015-B040	1-1/2X4	1	5	470	80.55
DC29-B020-B040	2X4	1	8	470	81.78
DC29-B030-B060	3X6	1	8	470	188.16
DC29-B040-B080	4X8	1	4	470	250.49
DC29-B060-B100	6X10	1	2	470	778.14
DC29-B080-B120	8X12	1	0	470	925.53

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	10.67

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	20.75
DC29-C010-A030	1X3	1	10	470	24.55
DC29-C015-A040	1-1/2X4	1	6	470	41.94
DC29-C020-A040	2X4	1	6	470	46.46
DC29-C030-A060	3X6	1	4	470	122.82
DC29-C040-A080	4X8	1	6	470	185.88
DC29-C060-A100	6X10	1	2	470	484.44
DC29-C080-A120	8X12	1	4	470	745.00

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	25.20
DC29-C007-B030	3/4X3	1	5	470	61.87
DC29-C010-B030	1X3	1	5	470	65.69
DC29-C015-B040	1-1/2X4	1	6	470	91.59
DC29-C020-B040	2X4	1	4	470	93.28
DC29-C030-B060	3X6	1	4	470	215.32
DC29-C040-B080	4X8	1	4	470	264.38
DC29-C060-B100	6X10	1	2	470	784.51
DC29-C080-B120	8X12	1	0	470	1390.45

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	40.13
DC29-C007-C030	3/4X3	1	5	470	89.09
DC29-C010-C030	1X3	1	10	470	92.85
DC29-C015-C040	1-1/2X4	1	5	470	130.23
DC29-C020-C040	2X4	1	8	470	134.73
DC29-C030-C060	3X6	1	4	470	319.29
DC29-C040-C080	4X8	1	4	470	754.23
DC29-C060-C100	6X10	1	2	470	1061.02
DC29-C080-C120	8X12	1	0	470	1609.80

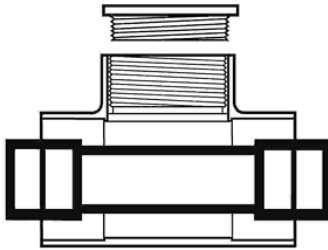
DC Coupling CPVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC29-C005-G020	1/2X2	1	10	470	53.14
DC29-C007-G030	3/4X3	1	10	470	166.68
DC29-C010-G030	1X3	1	10	470	170.47
DC29-C015-G040	1-1/2X4	1	6	470	252.64
DC29-C020-G040	2X4	1	6	470	257.12
DC29-C030-G060	3X6	1	10	470	482.85
DC29-C040-G080	4X8	1	6	470	830.86

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	52.06
DCAT-A007-A030	3/4X3	1	5	470	86.72
DCAT-A010-A030	1X3	1	5	470	87.79
DCAT-A015-A040	1-1/2X4	1	3	470	123.44
DCAT-A020-A040	2X4	1	5	470	161.03
DCAT-A030-A060	3X6	1	4	470	443.72
DCAT-A040-A080	4X8	1	0	470	925.01
DCAT-A060-A100	6X10	1	0	470	2105.46
DCAT-A080-A120	8X12	1	0	470	2973.07

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	263.69
DCAT-A007-G030	3/4X3	1	10	470	700.34
DCAT-A010-G030	1X3	1	10	470	701.44
DCAT-A015-G040	1-1/2X4	1	6	470	1152.97
DCAT-A020-G040	2X4	1	6	470	1167.93
DCAT-A030-G060	3X6	1	4	470	1586.16
DCAT-A040-G080	4X8	1	0	470	2911.86

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	65.73
DCAT-B007-A030	3/4X3	1	10	470	105.18
DCAT-B010-A030	1X3	1	6	470	105.69
DCAT-B015-A040	1-1/2X4	1	6	470	153.31
DCAT-B020-A040	2X4	1	6	470	168.80
DCAT-B030-A060	3X6	1	4	470	526.02
DCAT-B040-A080	4X8	1	2	470	1024.26

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	2306.68
DCAT-B080-A120	8X12	1	0	470	3290.76

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	318.40
DCAT-B007-G030	3/4X3	1	10	470	718.81
DCAT-B010-G030	1X3	1	10	470	719.18
DCAT-B015-G040	1-1/2X4	1	3	470	1181.20
DCAT-B020-G040	2X4	1	6	470	1185.29
DCAT-B030-G060	3X6	1	4	470	1668.43
DCAT-B040-G080	4X8	1	2	470	3011.12

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	109.11
DCAT-B007-B030	3/4X3	1	5	470	199.02
DCAT-B010-B030	1X3	1	6	470	199.67
DCAT-B015-B040	1-1/2X4	1	5	470	342.25
DCAT-B020-B040	2X4	1	5	470	357.73
DCAT-B030-B060	3X6	1	4	470	790.52
DCAT-B040-B080	4X8	1	2	470	1313.17
DCAT-B060-B100	6X10	1	0	470	3557.39
DCAT-B080-B120	8X12	1	0	470	4325.53

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	107.17
DCAT-C010-A030	1X3	1	6	470	114.80
DCAT-C015-A040	1-1/2X4	1	6	470	175.37
DCAT-C020-A040	2X4	1	6	470	197.39
DCAT-C030-A060	3X6	1	4	470	564.21
DCAT-C040-A080	4X8	1	2	470	1099.61
DCAT-C060-A100	6X10	1	0	470	2514.61
DCAT-C080-A120	8X12	1	0	470	3288.46

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	110.08
DCAT-C007-B030	3/4X3	1	5	470	201.00
DCAT-C010-B030	1X3	1	5	470	208.62
DCAT-C015-B040	1-1/2X4	1	5	470	289.44
DCAT-C020-B040	2X4	1	5	470	386.32
DCAT-C030-B060	3X6	1	4	470	874.22
DCAT-C040-B080	4X8	1	2	470	1633.56
DCAT-C060-B100	6X10	1	0	470	3498.20
DCAT-C080-B120	8X12	1	0	470	5472.05

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	184.05
DCAT-C007-C030	3/4X3	1	5	470	608.55
DCAT-C010-C030	1X3	1	6	470	614.38
DCAT-C015-C040	1-1/2X4	1	5	470	868.75
DCAT-C020-C040	2X4	1	5	470	877.76



Double Containment Product Access Tees & Closure Fittings

Access Tees

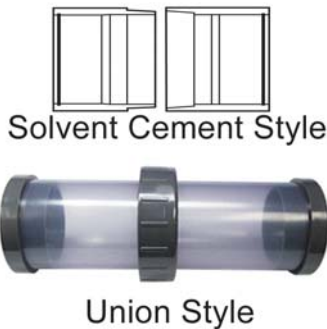
DC Access Tee CPVC Sch 80 x CPVC Sch 80 (continued)

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCAT-C030-C060	3X6	1	4	470	1878.62
DCAT-C040-C080	4X8	1	0	470	4771.17
DCAT-C060-C100	6X10	1	0	470	5102.41
DCAT-C080-C120	8X12	1	0	470	7775.39

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	342.44
DCAT-C007-G030	3/4X3	1	5	470	720.80
DCAT-C010-G030	1X3	1	5	470	728.44
DCAT-C015-G040	1-1/2X4	1	3	470	1204.88
DCAT-C020-G040	2X4	1	6	470	1213.92
DCAT-C030-G060	3X6	1	4	470	1735.86
DCAT-C040-G080	4X8	1	2	470	3101.24

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	576.84
DCCF-A040	4	1	5	470	591.02
DCCF-A060	6	1	2	470	615.08
DCCF-A080	8	1	0	470	848.44
DCCF-A100	10	1	2	470	935.94
DCCF-A120	12	1	2	470	1478.46

DC Solvent Cement Closure Fitting PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCCF-B020	2	1	10	470	576.34
DCCF-B030	3	1	10	470	586.20
DCCF-B040	4	1	5	470	604.02
DCCF-B060	6	1	2	470	639.77
DCCF-B080	8	1	3	470	848.18
DCCF-B100	10	1	2	470	1125.61
DCCF-B120	12	1	0	470	1804.39

DC Solvent Cement Closure Fitting CPVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCCF-C020	2	1	10	470	585.08
DCCF-C030	3	1	10	470	609.48
DCCF-C040	4	1	5	470	636.14
DCCF-C060	6	1	2	470	775.38
DCCF-C080	8	1	3	470	1043.08
DCCF-C100	10	1	2	470	1941.80
DCCF-C120	12	1	0	470	3080.82

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	643.66
DCCF-G040	4	1	5	470	668.73
DCCF-G060	6	1	2	470	793.19
DCCF-G080	8	1	6	470	1178.67

DC Union Closure Fittings PVC Clear - EPDM Seals

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCUC-030	3	1	0	471	174.95
DCUC-040	4	1	0	471	225.11
DCUC-060	6	1	0	471	281.59

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	288.88
DCUC2-060	6	1	0	471	396.73

Double Containment Product
Closure Fittings & Isolation Couplers

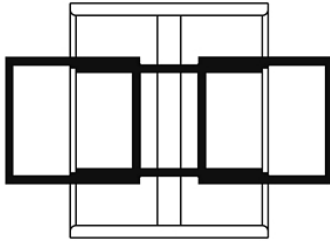


Closure Fittings

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	42.55
DCDB-A007-A030	3/4X3	1	5	470	67.78
DCDB-A010-A030	1X3	1	5	470	75.41
DCDB-A015-A040	1-1/2X4	1	4	470	77.80
DCDB-A020-A040	2X4	1	4	470	80.29
DCDB-A030-A060	3X6	1	4	470	128.77
DCDB-A040-A080	4X8	1	4	470	185.27
DCDB-A060-A100	6X10	1	10	470	247.36
DCDB-A080-A120	8X12	1	0	470	418.41

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	98.29
DCDB-A007-G030	3/4X3	1	5	470	121.49
DCDB-A010-G030	1X3	1	5	470	254.32
DCDB-A015-G040	1-1/2X4	1	4	470	292.84
DCDB-A020-G040	2X4	1	4	470	303.06
DCDB-A030-G060	3X6	1	4	470	331.53
DCDB-A040-G080	4X8	1	4	470	418.15

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	61.42
DCDB-B007-A030	3/4X3	1	5	470	73.55
DCDB-B010-A030	1X3	1	4	470	81.13

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	86.75
DCDB-B020-A040	2X4	1	4	470	93.76
DCDB-B030-A060	3X6	1	5	470	134.51
DCDB-B040-A080	4X8	1	4	470	201.36
DCDB-B060-A100	6X10	1	0	470	263.14
DCDB-B080-A120	8X12	1	0	470	452.61

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	129.63
DCDB-B010-G030	1X3	1	5	470	260.24
DCDB-B015-G040	1-1/2X4	1	5	470	336.65
DCDB-B020-G040	2X4	1	4	470	368.52
DCDB-B030-G060	3X6	1	5	470	409.22
DCDB-B040-G080	4X8	1	4	470	483.11

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	157.12
DCDB-B007-B030	3/4X3	1	5	470	192.72
DCDB-B010-B030	1X3	1	5	470	231.19
DCDB-B015-B040	1-1/2X4	1	4	470	243.91
DCDB-B020-B040	2X4	1	4	470	257.41
DCDB-B030-B060	3X6	1	4	470	278.09
DCDB-B040-B080	4X8	1	4	470	301.11
DCDB-B060-B100	6X10	1	0	470	308.44
DCDB-B080-B120	8X12	1	0	470	507.23

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	63.08
DCDB-C007-A030	3/4X3	1	5	470	84.61
DCDB-C010-A030	1X3	1	5	470	85.54
DCDB-C015-A040	1-1/2X4	1	4	470	100.39
DCDB-C020-A040	2X4	1	4	470	140.42
DCDB-C030-A060	3X6	1	5	470	227.39
DCDB-C040-A080	4X8	1	4	470	383.20
DCDB-C060-A100	6X10	1	0	470	589.77

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	63.61
DCDB-C007-B030	3/4X3	1	5	470	74.87
DCDB-C010-B030	1X3	1	5	470	75.82
DCDB-C015-B040	1-1/2X4	1	4	470	106.72
DCDB-C020-B040	2X4	1	4	470	146.71
DCDB-C030-B060	3X6	1	5	470	239.67
DCDB-C040-B080	4X8	1	4	470	404.91
DCDB-C060-B100	6X10	1	0	470	635.14

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	129.28
DCDB-C007-C030	3/4X3	1	5	470	142.95
DCDB-C010-C030	1X3	1	5	470	300.52



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	326.38
DCDB-C020-C040	2X4	1	4	470	365.43
DCDB-C030-C060	3X6	1	4	470	473.87
DCDB-C040-C080	4X8	1	4	470	483.31
DCDB-C060-C100	6X10	1	0	470	807.95

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	136.77
DCDB-C007-G030	3/4X3	1	5	470	150.52
DCDB-C010-G030	1X3	1	5	470	312.72
DCDB-C015-G040	1-1/2X4	1	4	470	427.65
DCDB-C020-G040	2X4	1	4	470	467.63
DCDB-C030-G060	3X6	1	5	470	496.97

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	140.96
DCTM-A007-A030	3/4X3	7	0	470	148.31
DCTM-A010-A030	1X3	9	0	470	155.34
DCTM-A015-A040	1-1/2X4	4	0	470	167.67
DCTM-A020-A040	2X4	5	0	470	176.03
DCTM-A030-A060	3X6	1	2	470	240.17
DCTM-A040-A080	4X8	1	2	470	313.26
DCTM-A060-A100	6X10	1	2	470	593.09
DCTM-A080-A120	8X12	1	2	470	959.40

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	183.44

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	300.20
DCTM-A010-G030	1X3	1	9	470	301.28
DCTM-A015-G040	1-1/2X4	1	4	470	378.36
DCTM-A020-G040	2X4	1	4	470	386.83
DCTM-A030-G060	3X6	1	2	470	600.18
DCTM-A040-G080	4X8	1	3	470	958.24

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	154.62
DCTM-B007-A030	3/4X3	9	0	470	172.71
DCTM-B010-A030	1X3	8	0	470	173.23
DCTM-B015-A040	1-1/2X4	4	0	470	197.55
DCTM-B020-A040	2X4	5	0	470	206.52
DCTM-B030-A060	3X6	1	4	470	322.45
DCTM-B040-A080	4X8	1	3	470	412.49
DCTM-B060-A100	6X10	1	0	470	785.40
DCTM-B080-A120	8X12	1	3	470	1165.92

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	202.73
DCTM-B007-G030	3/4X3	10	0	470	323.31
DCTM-B010-G030	1X3	8	0	470	246.00
DCTM-B015-G040	1-1/2X4	4	0	470	412.41
DCTM-B020-G040	2X4	5	0	470	420.68
DCTM-B030-G060	3X6	1	2	470	689.24
DCTM-B040-G080	4X8	1	3	470	1209.92

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	175.41
DCTM-B007-B030	3/4X3	8	0	470	218.53
DCTM-B010-B030	1X3	8	0	470	219.03
DCTM-B015-B040	1-1/2X4	4	0	470	250.69
DCTM-B020-B040	2X4	4	0	470	259.64
DCTM-B030-B060	3X6	1	2	470	421.76
DCTM-B040-B080	4X8	1	2	470	524.72
DCTM-B060-B100	6X10	1	0	470	1199.07
DCTM-B080-B120	8X12	1	3	470	1445.45

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	155.59
DCTM-C007-A030	3/4X3	1	8	470	174.68
DCTM-C010-A030	1X3	8	0	470	182.36
DCTM-C015-A040	1-1/2X4	4	0	470	219.61
DCTM-C020-A040	2X4	3	0	470	235.14
DCTM-C030-A060	3X6	1	2	470	376.91
DCTM-C040-A080	4X8	1	3	470	489.82
DCTM-C060-A100	6X10	1	0	470	992.13
DCTM-C080-A120	8X12	1	3	470	2096.02

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	176.39
DCTM-C007-B030	3/4X3	8	0	470	220.49
DCTM-C010-B030	1X3	8	0	470	228.14
DCTM-C015-B040	1-1/2X4	4	0	470	272.73
DCTM-C020-B040	2X4	1	4	470	288.26
DCTM-C030-B060	3X6	1	2	470	476.08
DCTM-C040-B080	4X8	1	3	470	602.02
DCTM-C060-B100	6X10	1	2	470	1407.08
DCTM-C080-B120	8X12	1	3	470	2375.37

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	210.51
DCTM-C007-G030	3/4X3	1	9	470	347.62
DCTM-C010-G030	1X3	9	0	470	361.09
DCTM-C015-G040	1-1/2X4	10	0	470	473.83
DCTM-C020-G040	2X4	3	0	470	489.36
DCTM-C030-G060	3X6	1	15	470	828.21
DCTM-C040-G080	4X8	1	3	470	1254.02

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	264.24
DCTM-C007-C030	3/4X3	8	0	470	270.04
DCTM-C010-C030	1X3	4	0	470	277.66
DCTM-C015-C040	1-1/2X4	4	0	470	351.45
DCTM-C020-C040	2X4	4	0	470	366.95
DCTM-C030-C060	3X6	1	2	470	664.66
DCTM-C040-C080	4X8	1	2	470	1188.23
DCTM-C060-C100	6X10	1	0	470	1808.46
DCTM-C080-C120	8X12	1	3	470	2907.62

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	16.24



Double Containment Product
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	16.24
DCCT-H010-A030	1X3	55	220	470	17.64
DCCT-H015-A040	1-1/2X4	55	0	470	23.46
DCCT-H020-A040	2X4	55	0	470	23.46
DCCT-H030-A060	3X6	55	0	470	29.96
DCCT-H040-A080	4X8	55	0	470	37.03
DCCT-H060-A100	6X10	25	0	470	48.04
DCCT-H080-A120	8X12	25	0	470	60.33

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	16.24
DCCT-H007-G020	3/4X2	55	330	470	16.24
DCCT-H010-G030	1X3	55	220	470	18.09
DCCT-H015-G040	1-1/2X4	55	220	470	23.46
DCCT-H020-G040	2X4	55	0	470	23.46
DCCT-H030-G060	3X6	55	0	470	29.96
DCCT-H040-G080	4X8	55	0	470	37.03

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	16.24
DCCT-H007-B020	3/4X2	55	330	470	16.24
DCCT-H010-B030	1X3	55	220	470	18.09
DCCT-H015-B040	1-1/2X4	55	0	470	18.09
DCCT-H020-B040	2X4	55	0	470	23.46
DCCT-H030-B060	3X6	55	0	470	29.96
DCCT-H040-B080	4X8	55	0	470	37.03
DCCT-H060-B100	6X10	25	0	470	48.04
DCCT-H080-B120	8X12	20	0	470	60.33

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	16.24
DCCT-H007-C030	3/4X3	55	220	470	16.24
DCCT-H010-C030	1X3	55	220	470	18.09
DCCT-H015-C040	1-1/2X4	55	0	470	18.09
DCCT-H020-C040	2X4	55	0	470	23.46
DCCT-H030-C060	3X6	55	0	470	29.96
DCCT-H040-C080	4X8	55	0	470	37.03
DCCT-H060-C100	6X10	24	0	470	48.04
DCCT-H080-C120	8X12	20	0	470	60.33

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 362.08	VBA30-A005-A020 368.46	1	0	470
3/4X3	VBA20-A007-A030 377.13	VBA30-A007-A030 384.69	1	5	470
1X3	VBA20-A010-A030 488.78	VBA30-A010-A030 396.92	1	0	470
1-1/2X4	VBA20-A015-A040 665.59	VBA30-A015-A040 680.24	1	0	470
2X4	VBA20-A020-A040 756.81	VBA30-A020-A040 707.20	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 1606.11	VBA30-A005-G020 1612.46	1	0	470
3/4X3	VBA20-A007-G030 1616.88	VBA30-A007-G030 1624.46	1	0	470
1X3	VBA20-A010-G030 1630.06	VBA30-A010-G030 1640.42	1	0	470
1-1/2X4	VBA20-A015-G040 2931.29	VBA30-A015-G040 2945.94	1	0	470
2X4	VBA20-A020-G040 2975.08	VBA30-A020-G040 2993.66	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 379.98	VBA30-B005-A020 386.35	1	0	470
3/4X3	VBA20-B007-A030 395.59	VBA30-B007-A030 403.15	1	0	470
1X3	VBA20-B010-A030 408.91	VBA30-B010-A030 769.27	1	0	470
1-1/2X4	VBA20-B015-A040 706.67	VBA30-B015-A040 896.75	1	0	470
2X4	VBA20-B020-A040 777.35	VBA30-B020-A040 930.81	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 1618.91	VBA30-B005-G020 1625.27	1	0	470
3/4X3	VBA20-B007-G030 1635.44	VBA30-B007-G030 1643.01	1	0	470
1X3	VBA20-B010-G030 1648.69	VBA30-B010-G030 1658.11	1	0	470
1-1/2X4	VBA20-B015-G040 2968.46	VBA30-B015-G040 2983.13	1	0	470
2X4	VBA20-B020-G040 3013.53	VBA30-B020-G040 3031.34	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 541.95	VBA30-B005-B020 766.06	1	0	470
3/4X3	VBA20-B007-B030 776.25	VBA30-B007-B030 783.82	1	0	470
1X3	VBA20-B010-B030 788.62	VBA30-B010-B030 797.27	1	0	470
1-1/2X4	VBA20-B015-B040 1023.06	VBA30-B015-B040 1037.85	1	0	470
2X4	VBA20-B020-B040 1201.41	VBA30-B020-B040 1219.35	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 409.09	VBA30-C005-A020 417.43	1	0	470
3/4X3	VBA20-C007-A030 424.76	VBA30-C007-A030 435.28	1	0	470
1X3	VBA20-C010-A030 450.43	VBA30-C010-A030 462.89	1	0	470
1-1/2X4	VBA20-C015-A040 797.63	VBA30-C015-A040 839.57	1	0	470
2X4	VBA20-C020-A040 857.26	VBA30-C020-A040 1320.15	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 779.82	VBA30-C005-B020 788.17	1	0	470
3/4X3	VBA20-C007-B030 805.47	VBA30-C007-B030 815.99	1	5	470
1X3	VBA20-C010-B030 831.08	VBA30-C010-B030 843.56	1	4	470
1-1/2X4	VBA20-C015-B040 1239.63	VBA30-C015-B040 1262.06	1	3	470
2X4	VBA20-C020-B040 1312.43	VBA30-C020-B040 1350.17	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 1177.56	VBA30-C005-C020 1185.88	1	0	470
3/4X3	VBA20-C007-C030 1207.19	VBA30-C007-C030 1217.73	1	3	470
1X3	VBA20-C010-C030 1258.24	VBA30-C010-C030 2258.79	1	0	470
1-1/2X4	VBA20-C015-C040 2435.33	VBA30-C015-C040 2456.33	1	3	470
2X4	VBA20-C020-C040 2507.64	VBA30-C020-C040 2545.38	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 1638.97	VBA30-C005-G020 1647.29	1	4	470
3/4X3	VBA20-C007-G030 1664.61	VBA30-C007-G030 1675.13	1	0	470
1X3	VBA20-C010-G030 1690.20	VBA30-C010-G030 1731.95	1	0	470
1-1/2X4	VBA20-C015-G040 3045.96	VBA30-C015-G040 2480.80	1	0	470
2X4	VBA20-C020-G040 3118.60	VBA30-C020-G040 3156.34	1	0	470



Double Containment Product
Ball Check Valve Box With Valve

Ball Check Valve Box With Valve



DC Ball Check Valve Boxes are made from a standard Spears® Tee fitting in designated material and Schedule selected, which is fitted with Carrier pipe size Ball Valve and bushed to specified Containment size. Includes Containment Valve Box fitting with threaded Access Plug, True Union 2000 Industrial Ball Check Valve

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 367.43	VBC3-A005-A020 375.62	1	4	470
3/4X3	VBC2-A007-A030 380.21	VBC3-A007-A030 389.15	1	4	470
1X3	VBC2-A010-A030 395.81	VBC3-A010-A030 406.28	1	0	470
1-1/2X4	VBC2-A015-A040 697.14	VBC3-A015-A040 714.02	1	3	470
2X4	VBC2-A020-A040 755.19	VBC3-A020-A040 778.59	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 1614.02	VBC3-A005-G020 1621.04	1	0	470
3/4X3	VBC2-A007-G030 1626.52	VBC3-A007-G030 1635.44	1	4	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
1X3	VBC2-A010-G030 1642.12	VBC3-A010-G030 1652.61	1	3	470
1-1/2X4	VBC2-A015-G040 2958.44	VBC3-A015-G040 2975.34	1	3	470
2X4	VBC2-A020-G040 3016.35	VBC3-A020-G040 3039.75	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 387.57	VBC3-B005-A020 395.78	1	4	470
3/4X3	VBC2-B007-A030 405.17	VBC3-B007-A030 414.11	1	4	470
1X3	VBC2-B010-A030 420.21	VBC3-B010-A030 422.52	1	3	470
1-1/2X4	VBC2-B015-A040 727.02	VBC3-B015-A040 743.87	1	3	470
2X4	VBC2-B020-A040 785.40	VBC3-B020-A040 808.80	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 1627.39	VBC3-B005-G020 1635.60	1	0	470
3/4X3	VBC2-B007-G030 1644.98	VBC3-B007-G030 1653.92	1	4	470
1X3	VBC2-B010-G030 1660.03	VBC3-B010-G030 743.87	1	3	470
1-1/2X4	VBC2-B015-G040 2988.34	VBC3-B015-G040 3005.20	1	3	470
2X4	VBC2-B020-G040 3046.59	VBC3-B020-G040 1263.81	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 768.26	VBC3-B005-B020 775.59	1	0	470
3/4X3	VBC2-B007-B030 785.84	VBC3-B007-B030 794.78	1	4	470
1X3	VBC2-B010-B030 800.88	VBC3-B010-B030 563.93	1	3	470
1-1/2X4	VBC2-B015-B040 1181.93	VBC3-B015-B040 1198.81	1	3	470
2X4	VBC2-B020-B040 1240.39	VBC3-B020-B040 1263.79	1	0	470

Double Containment Product
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

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
1/2X2	VBC2-C005-A020 425.77	VBC3-C005-A020 436.58	1	4	470
3/4X3	VBC2-C007-A030 450.54	VBC3-C007-A030 463.23	1	0	470
1X3	VBC2-C010-A030 480.92	VBC3-C010-A030 493.59	1	0	470
1-1/2X4	VBC2-C015-A040 862.25	VBC3-C015-A040 887.74	1	0	470
2X4	VBC2-C020-A040 948.94	VBC3-C020-A040 984.21	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 799.98	VBC3-C005-B020 810.77	1	4	470
3/4X3	VBC2-C007-B030 824.76	VBC3-C007-B030 837.43	1	4	470
1X3	VBC2-C010-B030 853.04	VBC3-C010-B030 867.98	1	3	470
1-1/2X4	VBC2-C015-B040 1227.06	VBC3-C015-B040 1252.54	1	3	470
2X4	VBC2-C020-B040 1320.28	VBC3-C020-B040 1355.57	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 1266.74	VBC3-C005-C020 1277.54	1	0	470
3/4X3	VBC2-C007-C030 1291.66	VBC3-C007-C030 1304.36	1	4	470
1X3	VBC2-C010-C030 1319.80	VBC3-C010-C030 1334.73	1	4	470
1-1/2X4	VBC2-C015-C040 2294.46	VBC3-C015-C040 2319.96	1	3	470
2X4	VBC2-C020-C040 2377.89	VBC3-C020-C040 2413.20	1	3	470

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

CPVC Sch 80 x PVC Sch 40 Clear

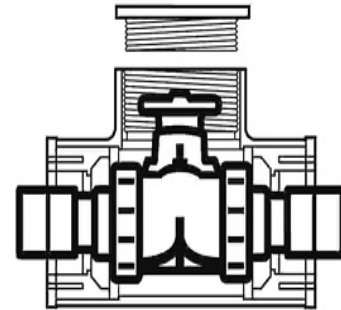
Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
1/2X2	VBC2-C005-G020 1625.48	VBC3-C005-G020 1636.26	1	4	470
3/4X3	VBC2-C007-G030 1684.05	VBC3-C007-G030 1696.76	1	4	470
1X3	VBC2-C010-G030 1712.18	VBC3-C010-G030 1727.11	1	3	470

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

CPVC Sch 80 x PVC Sch 40 Clear (continued)

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
1-1/2X4	VBC2-C015-G040 3088.67	VBC3-C015-G040 3114.15	1	4	470
2X4	VBC2-C020-G040 3175.35	VBC3-C020-G040 3210.65	1	4	470

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)
PR, Water:	235 psi @ 73°F (23°C), 1/2" - 2"	CPVC = 200°F (93°C)
		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 467.35	VBD30-A005-A020 484.87	1	0	470
3/4X3	VBD20-A007-A030 489.07	VBD30-A007-A030 508.97	1	0	470
1X3	VBD20-A010-A030 531.77	VBD30-A010-A030 553.55	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 (continued)

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
1-1/2X4	VBD20-A015-A040 906.67	VBD30-A015-A040 960.97	1	0	470
2X4	VBD20-A020-A040 972.21	VBD30-A020-A040 1048.26	1	0	470

Valve Box, with PVC True Union Diaphragm Valve

PVC Sch 40 x PVC Sch 40 Clear

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
1/2X2	VBD20-A005-G020 1707.14	VBD30-A005-G020 1724.67	1	0	470
3/4X3	VBD20-A007-G030 1761.36	VBD30-A007-G030 1781.26	1	0	470
1X3	VBD20-A010-G030 1804.25	VBD30-A010-G030 1826.05	1	0	470
1-1/2X4	VBD20-A015-G040 3168.87	VBD30-A015-G040 3223.14	1	0	470
2X4	VBD20-A020-G040 3234.34	VBD30-A020-G040 3310.39	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 481.01	VBD30-B005-A020 498.52	1	0	470
3/4X3	VBD20-B007-A030 507.53	VBD30-B007-A030 527.42	1	0	470
1X3	VBD20-B010-A030 549.64	VBD30-B010-A030 571.45	1	0	470
1-1/2X4	VBD20-B015-A040 936.76	VBD30-B015-A040 991.02	1	0	470
2X4	VBD20-B020-A040 1002.57	VBD30-B020-A040 1078.62	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 1756.26	VBD30-B005-G020 1773.78	1	0	470
3/4X3	VBD20-B007-G030 1779.81	VBD30-B007-G030 1799.72	1	0	470
1X3	VBD20-B010-G030 1821.95	VBD30-B010-G030 1843.76	1	0	470
1-1/2X4	VBD20-B015-G040 3198.75	VBD30-B015-G040 3253.02	1	0	470
2X4	VBD20-B020-G040 3264.77	VBD30-B020-G040 3340.82	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 861.65	VBD30-B005-B020 879.19	1	0	470

Valve Box, with PVC True Union Diaphragm Valve

PVC Sch 80 x PVC Sch 80 (continued)

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
3/4X3	VBD20-B007-B030 888.13	VBD30-B007-B030 908.02	1	0	470
1X3	VBD20-B010-B030 930.23	VBD30-B010-B030 952.02	1	0	470
1-1/2X4	VBD20-B015-B040 1369.68	VBD30-B015-B040 1423.96	1	0	470
2X4	VBD20-B020-B040 1435.71	VBD30-B020-B040 1511.76	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 603.72	VBD30-C005-A020 682.35	1	0	470
3/4X3	VBD20-C007-A030 641.27	VBD30-C007-A030 782.83	1	0	470
1X3	VBD20-C010-A030 723.80	VBD30-C010-A030 829.09	1	0	470
1-1/2X4	VBD20-C015-A040 1150.48	VBD30-C015-A040 1277.25	1	0	470
2X4	VBD20-C020-A040 1195.65	VBD30-C020-A040 1344.76	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 934.47	VBD30-C005-B020 1013.13	1	5	470
3/4X3	VBD20-C007-B030 1021.95	VBD30-C007-B030 1163.52	1	6	470
1X3	VBD20-C010-B030 1077.47	VBD30-C010-B030 1182.78	1	6	470
1-1/2X4	VBD20-C015-B040 1605.81	VBD30-C015-B040 1700.07	1	4	470
2X4	VBD20-C020-B040 1650.99	VBD30-C020-B040 1800.07	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 1337.18	VBD30-C005-C020 1415.82	1	0	470
3/4X3	VBD20-C007-C030 1423.66	VBD30-C007-C030 1565.25	1	0	470
1X3	VBD20-C010-C030 1479.15	VBD30-C010-C030 1584.45	1	0	470
1-1/2X4	VBD20-C015-C040 2619.54	VBD30-C015-C040 2713.77	1	0	470
2X4	VBD20-C020-C040 2664.68	VBD30-C020-C040 2813.78	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 1843.34	VBD30-C005-G020 1921.98	1	0	470

Double Containment Product

Diaphragm Valve Box With Valve & Clamp-On Saddles for Leak Detection Sensors



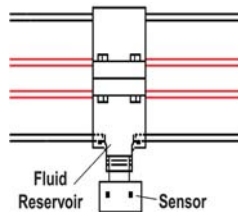
Diaphragm Valve Box With Valve

Valve Box, with CPVC True Union Diaphragm Valve

CPVC Sch 80 x PVC Sch 40 Clear (continued)

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
3/4X3	VBD20-C007-G030 1881.06	VBD30-C007-G030 2022.65	1	0	470
	VBD20-C010-G030 1936.62	VBD30-C010-G030 2041.92			
1X3	VBD20-C015-G040 3412.12	VBD30-C015-G040 3505.96	1	0	470
	VBD20-C020-G040 3457.29	VBD30-C020-G040 3606.38			

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 CPVC = 200°F (93°C)
 Plastic thread Temperature/Pressure De-ratings Apply
 1/2" or 3/4" NPT (see note below)
 PR, Water: 235 psi @ 73°F (23°C), 2" - 4"
 200 psi @ 73°F (23°C)
 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	65.72
467SE-248SR	2X3/4	7/8	1	10	046	65.72
467SE-333SR ¹	3X1/2	7/8	1	10	046	88.18
467SE-334SR	3X3/4	7/8	1	10	046	88.18
467SE-415SR ¹	4X1/2	1-1/8	1	10	046	110.64

Made in the U.S.A.

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

Effective 02/01/2020 See MSRP-1 Sheet or Check Spears® On-line Catalog @ www.spearsmfg.com for Pricing

PVC White 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						
467SE-416SR ¹	4X3/4	1-1/8	1	10	046	110.64
467SE-523SR ¹	6X1/2	1-1/8	1	4	046	185.92
467SE-524SR ¹	6X3/4	1-1/8	1	4	046	185.92
467SE-573SR ¹	8X1/2	4	1	0	046	266.73
467SE-574SR ¹	8X3/4	4	1	0	046	266.73

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	70.93
867S-248SR	2X3/4	7/8	1	10	086	70.93
867S-333SR ¹	3X1/2	7/8	1	10	086	95.36
867S-334SR	3X3/4	7/8	1	10	086	95.36
867S-415SR ¹	4X1/2	1-1/8	1	10	086	120.06
867S-416SR ¹	4X3/4	1-1/8	1	10	086	120.06
867S-523SR ¹	6X1/2	1-1/8	1	4	086	173.56
867S-524SR ¹	6X3/4	1-1/8	1	4	086	173.56
867S-573SR ¹	8X1/2	4	1	0	086	321.84
867S-574SR ¹	8X3/4	4	1	0	086	321.84

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

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Prod Code	MSRP
2"-4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)						
867SV-247SR	2X1/2	3/4	1	10	086	79.36
867SV-248SR	2X3/4	7/8	1	10	086	79.36
867SV-333SR ¹	3X1/2	7/8	1	10	086	106.11
867SV-334SR	3X3/4	7/8	1	10	086	106.11
867SV-415SR ¹	4X1/2	1-1/8	1	10	086	133.97
867SV-416SR ¹	4X3/4	1-1/8	1	10	086	133.97
867SV-523SR ¹	6X1/2	1-1/8	1	4	086	196.78
867SV-524SR ¹	6X3/4	1-1/8	1	4	086	196.78
867SV-573SR ¹	8X1/2	4	1	0	086	351.64
867SV-574SR ¹	8X3/4	4	1	0	086	351.64

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	118.78
867S-248CSR	2X3/4	7/8	1	10	096	118.78
867S-333CSR ¹	3X1/2	7/8	1	10	096	159.01
867S-334CSR	3X3/4	7/8	1	10	096	159.01
867S-415CSR ¹	4X1/2	1-1/8	1	10	096	200.12
867S-416CSR ¹	4X3/4	1-1/8	1	10	096	200.12
867S-523CSR ¹	6X1/2	1-1/8	1	4	096	333.52
867S-524CSR ¹	6X3/4	1-1/8	1	4	096	333.52
867S-573CSR	8X1/2	4	1	0	096	592.51
867S-574CSR ¹	8X3/4	4	1	0	096	592.51

¹ Outlet sized with Adapter



Double Containment Product
Clamp-On Saddles for Leak Detection Sensors

Clamp-On Saddles for Leak Detection Sensors

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 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	132.25
867SV-248CSR	2X3/4	7/8	1	10	096	132.25
867SV-333CSR ¹	3X1/2	7/8	1	10	096	177.67
867SV-334CSR	3X3/4	7/8	1	10	096	177.67
867SV-415CSR ¹	4X1/2	1-1/8	1	10	096	224.46
867SV-416CSR ¹	4X3/4	1-1/8	1	10	096	224.46
867SV-523CSR ¹	6X1/2	1-1/8	1	4	096	374.12
867SV-524CSR ¹	6X3/4	1-1/8	1	4	096	374.12
867SV-573CSR ¹	8X1/2	4	1	0	096	644.47
867SV-574CSR ¹	8X3/4	4	1	0	096	644.47

¹ Outlet sized with Adapter