

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).

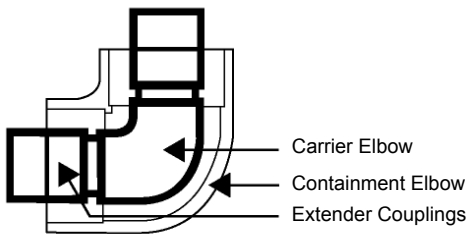
Note: Assembled carrier/containment pipe available on request. Contact Spears® for additional information.

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.

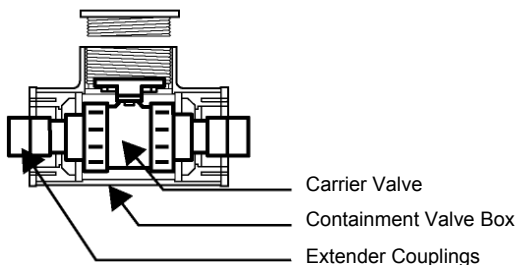
Valve Boxes: Like DC Fittings, Valve Boxes include all necessary components for connection to the designated Carrier x Containment system. Valve Boxes include the applicable True Union Industrial Ball Valve, Ball Check Valve, or Diaphragm Valve, with designated elastomer seals. Refer to example below (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	45.60
DC01-A007-A030	3/4X3	1	10	470	63.51
DC01-A010-A030	1X3	1	10	470	65.76
DC01-A015-A040	1-1/2X4	1	4	470	86.44
DC01-A020-A040 ¹	2X4	1	4	470	310.04
DC01-A030-A060	3X6	1	2	470	716.08
DC01-A040-A080	4X8	1	2	470	436.17
DC01-A060-A100	6X10	1	0	470	1082.97
DC01-A080-A120	8X12	1	0	470	1656.08

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	120.85
DC01-A007-G030	3/4X3	1	10	470	386.32
DC01-A010-G030	1X3	1	10	470	388.58
DC01-A015-G040	1-1/2X4	1	4	470	670.89

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

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC01-A020-G040 ¹	2X4	1	4	470	1189.92
DC01-A030-G060	3X6	1	2	470	1503.31
DC01-A040-G080	4X8	1	2	470	2227.21

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	72.73
DC01-B007-A030	3/4X3	1	10	470	96.56
DC01-B010-A030	1X3	1	10	470	99.82
DC01-B015-A040	1-1/2X4	1	4	470	151.19
DC01-B020-A040 ¹	2X4	1	2	470	374.86
DC01-B030-A060	3X6	1	2	470	862.92
DC01-B040-A080	4X8	1	2	470	1022.05
DC01-B060-A100	6X10	1	0	470	1618.58
DC01-B080-A120	8X12	1	0	470	2585.53

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	147.86
DC01-B007-G030	3/4X3	1	10	470	420.47
DC01-B010-G030	1X3	1	10	470	423.23
DC01-B015-G040	1-1/2X4	1	4	470	741.13
DC01-B020-G040	2X4	1	2	470	2844.62
DC01-B030-G060	3X6	1	2	470	1146.14
DC01-B040-G080	4X8	1	2	470	2384.41

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	111.99
DC01-B007-B030	3/4X3	1	10	470	135.01
DC01-B010-B030	1X3	1	5	470	138.18
DC01-B015-B040	1-1/2X4	1	4	470	187.07
DC01-B020-B040 ¹	2X4	1	0	470	698.81
DC01-B030-B060 ¹	3X6	1	2	470	1043.72
DC01-B040-B080	4X8	1	0	470	1292.16
DC01-B060-B100	6X10	1	0	470	1597.62
DC01-B080-B120	8X12	1	0	470	3686.74

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	79.09
DC01-C007-A030	3/4X3	1	5	470	104.05
DC01-C010-A030	1X3	1	10	470	117.12
DC01-C015-A040	1-1/2X4	1	4	470	194.71
DC01-C020-A040 ¹	2X4	1	2	470	432.87
DC01-C030-A060	3X6	1	2	470	1000.34
DC01-C040-A080	4X8	1	0	470	797.48
DC01-C060-A100	6X10	1	0	470	1859.45
DC01-C080-A120	8X12	1	0	470	2927.73

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	118.26
DC01-C007-B030	3/4X3	1	5	470	142.43
DC01-C010-B030	1X3	1	5	470	155.61

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	225.08
DC01-C020-B040 ¹	2X4	1	4	470	781.29
DC01-C030-B060	3X6	1	2	470	1424.96
DC01-C040-B080	4X8	1	0	470	1039.56
DC01-C060-B100	6X10	1	0	470	2974.23
DC01-C080-B120	8X12	1	0	470	3621.85

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	124.05
DC01-C007-C030	3/4X3	1	10	470	209.64
DC01-C010-C030	1X3	1	5	470	222.82
DC01-C015-C040	1-1/2X4	1	5	470	324.87
DC01-C020-C040 ¹	2X4	1	0	470	540.24
DC01-C030-C060	3X6	1	2	470	1137.96
DC01-C040-C080	4X8	1	2	470	1751.18
DC01-C060-C100	6X10	1	0	470	3061.31
DC01-C080-C120	8X12	1	0	470	5529.66

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	153.75
DC01-C007-G030	3/4X3	1	5	470	426.86
DC01-C010-G030	1X3	1	10	470	440.04
DC01-C015-G040	1-1/2X4	1	6	470	829.31
DC01-C020-G040 ¹	2X4	1	2	470	2885.62
DC01-C030-G060 ¹	3X6	1	2	470	1881.05
DC01-C040-G080	4X8	1	2	470	2509.20

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	36.33
DC06-A007-A030	3/4X3	1	10	470	47.35
DC06-A010-A030	1X3	1	10	470	48.93
DC06-A015-A040	1-1/2X4	1	5	470	62.81
DC06-A020-A040	2X4	1	5	470	79.93
DC06-A030-A060	3X6	2	0	470	160.35
DC06-A040-A080	4X8	1	2	470	311.53
DC06-A060-A100	6X10	1	0	470	1019.86
DC06-A080-A120	8X12	1	0	470	1495.63

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	96.92
DC06-A007-G030	3/4X3	1	10	470	267.40
DC06-A010-G030	1X3	1	4	470	269.06
DC06-A015-G040	1-1/2X4	1	5	470	456.73
DC06-A020-G040	2X4	1	8	470	473.85
DC06-A030-G060	3X6	1	2	470	832.75
DC06-A040-G080	4X8	1	2	470	1456.89

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	50.80
DC06-B007-A030	3/4X3	1	10	470	66.94
DC06-B010-A030	1X3	1	10	470	70.09
DC06-B015-A040	1-1/2X4	1	5	470	97.51
DC06-B020-A040	2X4	1	5	470	115.35
DC06-B030-A060	3X6	1	2	470	248.55
DC06-B040-A080	4X8	1	2	470	419.83
DC06-B060-A100	6X10	1	0	470	1235.78
DC06-B080-A120	8X12	1	0	470	1846.92

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	110.99
DC06-B007-G030	3/4X3	1	10	470	286.95
DC06-B010-G030	1X3	1	10	470	290.09
DC06-B015-G040	1-1/2X4	1	8	470	490.04
DC06-B020-G040	2X4	1	4	470	494.31
DC06-B030-G060	3X6	1	4	470	247.29
DC06-B040-G080	4X8	1	2	470	1565.22

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	59.16
DC06-B007-B030	3/4X3	1	10	470	84.82
DC06-B010-B030	1X3	1	10	470	88.01
DC06-B015-B040	1-1/2X4	1	5	470	119.33
DC06-B020-B040	2X4	1	4	470	123.74
DC06-B030-B060	3X6	2	0	470	305.77
DC06-B040-B080	4X8	1	2	470	592.86
DC06-B060-B100	6X10	1	0	470	2163.51
DC06-B080-B120	8X12	1	0	470	3025.43



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	54.54
DC06-C007-A030	3/4X3	1	5	470	71.86
DC06-C010-A030	1X3	1	5	470	83.61
DC06-C015-A040	1-1/2X4	1	8	470	135.84
DC06-C020-A040	2X4	1	5	470	163.94
DC06-C030-A060	3X6	1	5	470	318.57
DC06-C040-A080	4X8	1	2	470	612.73
DC06-C060-A100	6X10	1	0	470	1626.96
DC06-C080-A120	8X12	1	0	470	3121.56

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	62.91
DC06-C007-B030	3/4X3	1	5	470	89.76
DC06-C010-B030	1X3	1	5	470	115.41
DC06-C015-B040	1-1/2X4	1	4	470	159.06
DC06-C020-B040	2X4	1	4	470	187.15
DC06-C030-B060	3X6	1	0	470	417.69
DC06-C040-B080	4X8	1	2	470	785.76
DC06-C060-B100	6X10	1	0	470	2554.64
DC06-C080-B120	8X12	1	0	470	4300.26

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	88.01
DC06-C007-C030	3/4X3	1	10	470	155.38
DC06-C010-C030	1X3	1	5	470	166.69
DC06-C015-C040	1-1/2X4	1	5	470	294.05
DC06-C020-C040	2X4	1	4	470	313.80
DC06-C030-C060	3X6	1	2	470	547.21
DC06-C040-C080	4X8	1	2	470	1263.15
DC06-C060-C100	6X10	1	0	470	3128.45
DC06-C080-C120	8X12	1	0	470	5162.69

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	115.14
DC06-C007-G030	3/4X3	1	4	470	292.29
DC06-C010-G030	1X3	1	5	470	303.60
DC06-C015-G040	1-1/2X4	1	8	470	529.78
DC06-C020-G040	2X4	1	8	470	557.75
DC06-C030-G060	3X6	1	5	470	1033.06
DC06-C040-G080	4X8	1	2	470	1761.11

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	37.39
DC17-A007-A030	3/4X3	1	5	470	52.81
DC17-A010-A030	1X3	1	5	470	54.08
DC17-A015-A040	1-1/2X4	1	5	470	71.86
DC17-A020-A040	2X4	1	4	470	88.59
DC17-A030-A060	3X6	2	0	470	165.55
DC17-A040-A080	4X8	1	3	470	307.67
DC17-A060-A100	6X10	1	0	470	732.88
DC17-A080-A120	8X12	1	0	470	1205.75

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	117.09
DC17-A007-G030	3/4X3	1	8	470	338.64
DC17-A010-G030	1X3	1	5	470	339.83
DC17-A015-G040	1-1/2X4	1	5	470	598.96
DC17-A020-G040	2X4	1	4	470	602.03
DC17-A030-G060	3X6	1	2	470	1066.91
DC17-A040-G080	4X8	1	3	470	1286.58

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	53.81
DC17-B007-A030	3/4X3	1	8	470	76.89
DC17-B010-A030	1X3	1	10	470	82.37
DC17-B015-A040	1-1/2X4	1	5	470	116.42

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	139.17
DC17-B030-A060	3X6	1	7	470	291.77
DC17-B040-A080	4X8	1	2	470	493.15
DC17-B060-A100	6X10	1	0	470	981.86
DC17-B080-A120	8X12	1	0	470	1521.49

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	125.45
DC17-B007-G030	3/4X3	1	8	470	362.74
DC17-B010-G030	1X3	1	5	470	369.71
DC17-B015-G040	1-1/2X4	1	5	470	631.72
DC17-B020-G040	2X4	1	5	470	652.61
DC17-B030-G060	3X6	1	4	470	1193.01
DC17-B040-G080	4X8	1	3	470	1971.62

DC 45° EII PVC Sch 80 x PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC17-B005-B020	1/2X2	1	10	470	79.12
DC17-B007-B030	3/4X3	1	8	470	132.57
DC17-B010-B030	1X3	1	5	470	143.60
DC17-B015-B040	1-1/2X4	1	5	470	216.81
DC17-B020-B040	2X4	1	5	470	225.47
DC17-B030-B060	3X6	1	2	470	376.03
DC17-B040-B080	4X8	1	2	470	656.73
DC17-B060-B100	6X10	1	0	470	1611.12
DC17-B080-B120	8X12	1	0	470	2227.44

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	56.59
DC17-C007-A030	3/4X3	1	8	470	79.83
DC17-C010-A030	1X3	1	10	470	93.02
DC17-C015-A040	1-1/2X4	1	5	470	148.75
DC17-C020-A040	2X4	1	5	470	174.58
DC17-C030-A060	3X6	1	5	470	285.93
DC17-C040-A080	4X8	1	3	470	570.68
DC17-C060-A100	6X10	1	0	470	1438.98
DC17-C080-A120	8X12	1	0	470	2884.31

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	81.14
DC17-C007-B030	3/4X3	1	5	470	135.49
DC17-C010-B030	1X3	1	5	470	148.25
DC17-C015-B040	1-1/2X4	1	4	470	169.03
DC17-C020-B040	2X4	1	5	470	195.07
DC17-C030-B060	3X6	1	5	470	402.44
DC17-C040-B080	4X8	1	2	470	733.75
DC17-C060-B100	6X10	1	0	470	2065.44
DC17-C080-B120	8X12	1	0	470	3590.25

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	92.27
DC17-C007-C030	3/4X3	1	8	470	166.74
DC17-C010-C030	1X3	1	10	470	179.92
DC17-C015-C040	1-1/2X4	1	5	470	259.99
DC17-C020-C040	2X4	1	5	470	286.03
DC17-C030-C060	3X6	1	2	470	649.68
DC17-C040-C080	4X8	1	2	470	1299.19
DC17-C060-C100	6X10	1	0	470	3935.39
DC17-C080-C120	8X12	1	0	470	5406.85

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	127.36
DC17-C007-G030	3/4X3	1	8	470	365.66
DC17-C010-G030	1X3	1	10	470	378.83
DC17-C015-G040	1-1/2X4	1	5	470	676.16
DC17-C020-G040	2X4	1	5	470	688.24
DC17-C030-G060	3X6	1	5	470	1281.75
DC17-C040-G080	4X8	1	3	470	2168.68

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	7.13
DC29-A007-A030	3/4X3	1	10	470	9.01
DC29-A010-A030	1X3	1	10	470	9.47
DC29-A015-A040	1-1/2X4	1	6	470	13.71
DC29-A020-A040	2X4	1	10	470	14.55



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	46.71
DC29-A040-A080	4X8	1	6	470	83.67
DC29-A060-A100	6X10	1	2	470	246.91
DC29-A080-A120	8X12	1	0	470	487.15

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	39.40
DC29-A007-G030	3/4X3	1	10	470	134.13
DC29-A010-G030	1X3	1	10	470	134.52
DC29-A015-G040	1-1/2X4	1	6	470	194.34
DC29-A020-G040	2X4	1	8	470	195.17
DC29-A030-G060	3X6	1	4	470	369.88
DC29-A040-G080	4X8	1	6	470	636.67

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	8.72
DC29-B007-A030	3/4X3	1	10	470	17.01
DC29-B010-A030	1X3	1	5	470	17.14
DC29-B015-A040	1-1/2X4	1	6	470	26.49
DC29-B020-A040	2X4	1	5	470	27.56
DC29-B030-A060	3X6	1	4	470	81.98
DC29-B040-A080	4X8	1	6	470	126.25
DC29-B060-A100	6X10	1	2	470	326.25
DC29-B080-A120	8X12	1	4	470	575.66

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	45.14
DC29-B007-G030	3/4X3	1	10	470	142.04
DC29-B010-G030	1X3	1	10	470	142.25
DC29-B015-G040	1-1/2X4	1	6	470	201.55
DC29-B020-G040	2X4	1	8	470	208.19
DC29-B030-G060	3X6	1	4	470	362.44
DC29-B040-G080	4X8	1	4	470	671.69

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	21.71
DC29-B007-B030	3/4X3	1	5	470	52.20
DC29-B010-B030	1X3	1	5	470	52.42
DC29-B015-B040	1-1/2X4	1	5	470	69.06
DC29-B020-B040	2X4	1	8	470	70.12
DC29-B030-B060	3X6	1	8	470	161.32
DC29-B040-B080	4X8	1	4	470	214.77
DC29-B060-B100	6X10	1	2	470	667.16
DC29-B080-B120	8X12	1	0	470	793.53

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	9.15

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	17.78
DC29-C010-A030	1X3	1	10	470	21.04
DC29-C015-A040	1-1/2X4	1	6	470	35.96
DC29-C020-A040	2X4	1	6	470	39.83
DC29-C030-A060	3X6	1	4	470	105.31
DC29-C040-A080	4X8	1	6	470	159.37
DC29-C060-A100	6X10	1	2	470	415.35
DC29-C080-A120	8X12	1	4	470	638.74

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	21.60
DC29-C007-B030	3/4X3	1	5	470	53.05
DC29-C010-B030	1X3	1	5	470	56.33
DC29-C015-B040	1-1/2X4	1	6	470	78.53
DC29-C020-B040	2X4	1	4	470	79.98
DC29-C030-B060	3X6	1	4	470	184.60
DC29-C040-B080	4X8	1	4	470	226.67
DC29-C060-B100	6X10	1	2	470	672.62
DC29-C080-B120	8X12	1	0	470	1192.14

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	34.40
DC29-C007-C030	3/4X3	1	5	470	76.39
DC29-C010-C030	1X3	1	10	470	79.61
DC29-C015-C040	1-1/2X4	1	5	470	111.65
DC29-C020-C040	2X4	1	8	470	115.51
DC29-C030-C060	3X6	1	4	470	273.75
DC29-C040-C080	4X8	1	4	470	646.66
DC29-C060-C100	6X10	1	2	470	909.69
DC29-C080-C120	8X12	1	0	470	1380.20

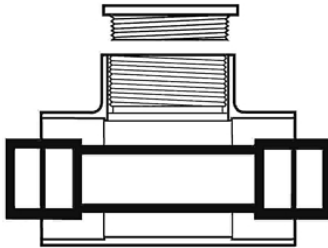
DC Coupling CPVC Sch 80 x PVC Sch 40 Clear

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DC29-C005-G020	1/2X2	1	10	470	45.56
DC29-C007-G030	3/4X3	1	10	470	142.91
DC29-C010-G030	1X3	1	10	470	146.16
DC29-C015-G040	1-1/2X4	1	6	470	216.61
DC29-C020-G040	2X4	1	6	470	220.45
DC29-C030-G060	3X6	1	10	470	413.98
DC29-C040-G080	4X8	1	6	470	712.36

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	44.64
DCAT-A007-A030	3/4X3	1	5	470	74.35
DCAT-A010-A030	1X3	1	5	470	75.27
DCAT-A015-A040	1-1/2X4	1	3	470	105.84
DCAT-A020-A040	2X4	1	5	470	138.06
DCAT-A030-A060	3X6	1	4	470	380.43
DCAT-A040-A080	4X8	1	0	470	793.08
DCAT-A060-A100	6X10	1	0	470	1805.17
DCAT-A080-A120	8X12	1	0	470	2549.04

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	226.08
DCAT-A007-G030	3/4X3	1	10	470	600.45
DCAT-A010-G030	1X3	1	10	470	601.40
DCAT-A015-G040	1-1/2X4	1	6	470	988.52
DCAT-A020-G040	2X4	1	6	470	1001.35
DCAT-A030-G060	3X6	1	4	470	1359.93
DCAT-A040-G080	4X8	1	0	470	2496.56

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	56.35
DCAT-B007-A030	3/4X3	1	10	470	90.17
DCAT-B010-A030	1X3	1	6	470	90.62
DCAT-B015-A040	1-1/2X4	1	6	470	131.44
DCAT-B020-A040	2X4	1	6	470	144.72
DCAT-B030-A060	3X6	1	5	470	450.99
DCAT-B040-A080	4X8	1	2	470	878.18

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	1977.69
DCAT-B080-A120	8X12	1	0	470	2821.41

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	272.99
DCAT-B007-G030	3/4X3	1	10	470	616.29
DCAT-B010-G030	1X3	1	10	470	616.61
DCAT-B015-G040	1-1/2X4	1	3	470	1012.73
DCAT-B020-G040	2X4	1	6	470	1016.24
DCAT-B030-G060	3X6	1	4	470	1430.47
DCAT-B040-G080	4X8	1	2	470	2581.65

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	93.55
DCAT-B007-B030	3/4X3	1	5	470	170.64
DCAT-B010-B030	1X3	1	6	470	171.20
DCAT-B015-B040	1-1/2X4	1	5	470	293.44
DCAT-B020-B040	2X4	1	5	470	306.71
DCAT-B030-B060	3X6	1	4	470	677.77
DCAT-B040-B080	4X8	1	2	470	1125.87
DCAT-B060-B100	6X10	1	0	470	3050.01
DCAT-B080-B120	8X12	1	0	470	3708.60

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	91.88
DCAT-C010-A030	1X3	1	6	470	98.43
DCAT-C015-A040	1-1/2X4	1	6	470	150.36
DCAT-C020-A040	2X4	1	6	470	169.23
DCAT-C030-A060	3X6	1	4	470	483.74
DCAT-C040-A080	4X8	1	2	470	942.78
DCAT-C060-A100	6X10	1	0	470	2155.97
DCAT-C080-A120	8X12	1	0	470	2819.45

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	94.38
DCAT-C007-B030	3/4X3	1	5	470	172.33
DCAT-C010-B030	1X3	1	5	470	178.87
DCAT-C015-B040	1-1/2X4	1	5	470	248.16
DCAT-C020-B040	2X4	1	5	470	331.22
DCAT-C030-B060	3X6	1	4	470	749.53
DCAT-C040-B080	4X8	1	2	470	1400.58
DCAT-C060-B100	6X10	1	0	470	2999.27
DCAT-C080-B120	8X12	1	0	470	4691.60

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	157.80
DCAT-C007-C030	3/4X3	1	5	470	521.75
DCAT-C010-C030	1X3	1	6	470	526.76
DCAT-C015-C040	1-1/2X4	1	5	470	744.84
DCAT-C020-C040	2X4	1	5	470	752.57



Double Containment Product Access Tees & Closure Fittings

Access Tees

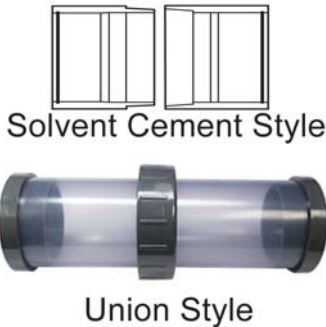
DC Access Tee CPVC Sch 80 x CPVC Sch 80 (continued)

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCAT-C030-C060	3X6	1	4	470	1610.69
DCAT-C040-C080	4X8	1	2	470	4090.68
DCAT-C060-C100	6X10	1	0	470	4374.68
DCAT-C080-C120	8X12	1	0	470	6666.43

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	293.60
DCAT-C007-G030	3/4X3	1	5	470	617.99
DCAT-C010-G030	1X3	1	5	470	624.55
DCAT-C015-G040	1-1/2X4	1	3	470	1033.04
DCAT-C020-G040	2X4	1	6	470	1040.78
DCAT-C030-G060	3X6	1	4	470	1488.29
DCAT-C040-G080	4X8	1	2	470	2658.93

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	494.57
DCCF-A040	4	1	5	470	506.73
DCCF-A060	6	1	2	470	527.35
DCCF-A080	8	1	0	470	727.43
DCCF-A100	10	1	2	470	802.45
DCCF-A120	12	1	2	470	1267.59

DC Solvent Cement Closure Fitting PVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCCF-B020	2	1	10	470	494.13
DCCF-B030	3	1	10	470	502.60
DCCF-B040	4	1	5	470	517.87
DCCF-B060	6	1	2	470	548.52
DCCF-B080	8	1	3	470	727.21
DCCF-B100	10	1	2	470	965.07
DCCF-B120	12	1	0	470	1547.04

DC Solvent Cement Closure Fitting CPVC Sch 80

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCCF-C020	2	1	10	470	501.64
DCCF-C030	3	1	10	470	522.56
DCCF-C040	4	1	5	470	545.40
DCCF-C060	6	1	2	470	664.79
DCCF-C080	8	1	3	470	894.31
DCCF-C100	10	1	2	470	1664.85
DCCF-C120	12	1	0	470	2641.42

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	551.86
DCCF-G040	4	1	5	470	573.35
DCCF-G060	6	1	2	470	680.06
DCCF-G080	8	1	6	470	1010.56

DC Union Closure Fittings PVC Clear - EPDM Seals

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
DCUC-030	3	1	0	471	150.00
DCUC-040	4	1	0	471	193.00
DCUC-060	6	1	0	471	241.42

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	607.24
DCUC2-060	6	1	0	471	723.60

Double Containment Product
Closure Fittings & Isolation Couplers

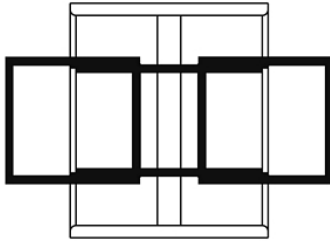


Closure Fittings

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	36.48
DCDB-A007-A030	3/4X3	1	5	470	58.11
DCDB-A010-A030	1X3	1	5	470	64.66
DCDB-A015-A040	1-1/2X4	1	6	470	66.70
DCDB-A020-A040	2X4	1	4	470	68.85
DCDB-A030-A060	3X6	1	4	470	110.40
DCDB-A040-A080	4X8	1	4	470	158.85
DCDB-A060-A100	6X10	1	10	470	212.08
DCDB-A080-A120	8X12	1	0	470	358.74

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	84.27
DCDB-A007-G030	3/4X3	1	5	470	104.17
DCDB-A010-G030	1X3	1	5	470	218.04
DCDB-A015-G040	1-1/2X4	1	4	470	251.08
DCDB-A020-G040	2X4	1	4	470	259.83
DCDB-A030-G060	3X6	1	4	470	284.24
DCDB-A040-G080	4X8	1	4	470	358.51

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	52.66
DCDB-B007-A030	3/4X3	1	5	470	63.06
DCDB-B010-A030	1X3	1	4	470	69.56

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	74.38
DCDB-B020-A040	2X4	1	4	470	80.39
DCDB-B030-A060	3X6	1	5	470	115.32
DCDB-B040-A080	4X8	1	4	470	172.64
DCDB-B060-A100	6X10	1	0	470	225.61
DCDB-B080-A120	8X12	1	0	470	388.06

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	111.14
DCDB-B010-G030	1X3	1	5	470	223.13
DCDB-B015-G040	1-1/2X4	1	5	470	288.64
DCDB-B020-G040	2X4	1	4	470	315.96
DCDB-B030-G060	3X6	1	5	470	350.85
DCDB-B040-G080	4X8	1	4	470	414.20

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	134.71
DCDB-B007-B030	3/4X3	1	5	470	165.23
DCDB-B010-B030	1X3	1	5	470	198.22
DCDB-B015-B040	1-1/2X4	1	4	470	209.11
DCDB-B020-B040	2X4	1	4	470	220.69
DCDB-B030-B060	3X6	1	4	470	238.43
DCDB-B040-B080	4X8	1	4	470	258.16
DCDB-B060-B100	6X10	1	0	470	264.45
DCDB-B080-B120	8X12	1	0	470	434.89

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	54.08
DCDB-C007-A030	3/4X3	1	5	470	72.54
DCDB-C010-A030	1X3	1	5	470	73.34
DCDB-C015-A040	1-1/2X4	1	4	470	86.07
DCDB-C020-A040	2X4	1	4	470	120.39
DCDB-C030-A060	3X6	1	5	470	194.96
DCDB-C040-A080	4X8	1	4	470	328.55
DCDB-C060-A100	6X10	1	0	470	505.66

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	54.54
DCDB-C007-B030	3/4X3	1	5	470	64.19
DCDB-C010-B030	1X3	1	5	470	65.01
DCDB-C015-B040	1-1/2X4	1	4	470	91.49
DCDB-C020-B040	2X4	1	4	470	125.78
DCDB-C030-B060	3X6	1	5	470	205.49
DCDB-C040-B080	4X8	1	4	470	347.16
DCDB-C060-B100	6X10	1	0	470	544.55

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	110.85
DCDB-C007-C030	3/4X3	1	5	470	122.56
DCDB-C010-C030	1X3	1	5	470	257.66



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	279.83
DCDB-C020-C040	2X4	1	4	470	313.31
DCDB-C030-C060	3X6	1	4	470	406.29
DCDB-C040-C080	4X8	1	4	470	414.37
DCDB-C060-C100	6X10	1	0	470	692.71

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	117.26
DCDB-C007-G030	3/4X3	1	5	470	129.05
DCDB-C010-G030	1X3	1	5	470	268.12
DCDB-C015-G040	1-1/2X4	1	4	470	366.66
DCDB-C020-G040	2X4	1	4	470	400.94
DCDB-C030-G060	3X6	1	5	470	426.08

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	120.85
DCTM-A007-A030	3/4X3	7	0	470	127.16
DCTM-A010-A030	1X3	9	0	470	133.18
DCTM-A015-A040	1-1/2X4	4	0	470	143.76
DCTM-A020-A040	2X4	5	0	470	150.93
DCTM-A030-A060	3X6	1	2	470	205.91
DCTM-A040-A080	4X8	1	3	470	268.58
DCTM-A060-A100	6X10	1	2	470	508.51
DCTM-A080-A120	8X12	1	2	470	822.57

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	8	0	470	157.28

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	257.38
DCTM-A010-G030	1X3	1	9	470	258.31
DCTM-A015-G040	1-1/2X4	1	4	470	324.40
DCTM-A020-G040	2X4	1	4	470	331.66
DCTM-A030-G060	3X6	1	2	470	514.58
DCTM-A040-G080	4X8	1	3	470	821.57

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	132.57
DCTM-B007-A030	3/4X3	9	0	470	148.08
DCTM-B010-A030	1X3	8	0	470	148.52
DCTM-B015-A040	1-1/2X4	4	0	470	169.38
DCTM-B020-A040	2X4	5	0	470	177.06
DCTM-B030-A060	3X6	1	4	470	276.46
DCTM-B040-A080	4X8	1	3	470	353.67
DCTM-B060-A100	6X10	1	0	470	673.38
DCTM-B080-A120	8X12	1	3	470	999.63

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	173.81
DCTM-B007-G030	3/4X3	10	0	470	277.19
DCTM-B010-G030	1X3	8	0	470	277.63
DCTM-B015-G040	1-1/2X4	4	0	470	353.59
DCTM-B020-G040	2X4	5	0	470	360.69
DCTM-B030-G060	3X6	1	2	470	590.94
DCTM-B040-G080	4X8	1	3	470	1037.35

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	150.39
DCTM-B007-B030	3/4X3	8	0	470	187.36
DCTM-B010-B030	1X3	8	0	470	187.80
DCTM-B015-B040	1-1/2X4	4	0	470	214.94
DCTM-B020-B040	2X4	4	0	470	222.61
DCTM-B030-B060	3X6	1	2	470	361.61
DCTM-B040-B080	4X8	1	2	470	449.88
DCTM-B060-B100	6X10	1	2	470	1028.05
DCTM-B080-B120	8X12	1	3	470	1239.29

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	133.40
DCTM-C007-A030	3/4X3	1	8	470	149.77
DCTM-C010-A030	1X3	8	0	470	156.35
DCTM-C015-A040	1-1/2X4	4	0	470	188.29
DCTM-C020-A040	2X4	3	0	470	201.60
DCTM-C030-A060	3X6	1	2	470	323.15
DCTM-C040-A080	4X8	1	3	470	419.96
DCTM-C060-A100	6X10	1	0	470	850.62
DCTM-C080-A120	8X12	1	3	470	1797.08

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	151.23
DCTM-C007-B030	3/4X3	8	0	470	189.05
DCTM-C010-B030	1X3	8	0	470	195.60
DCTM-C015-B040	1-1/2X4	4	0	470	233.83
DCTM-C020-B040	2X4	1	4	470	247.15
DCTM-C030-B060	3X6	1	2	470	408.19
DCTM-C040-B080	4X8	1	3	470	516.15
DCTM-C060-B100	6X10	1	2	470	1206.40
DCTM-C080-B120	8X12	1	3	470	2036.58

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	180.48
DCTM-C007-G030	3/4X3	10	0	470	298.04
DCTM-C010-G030	1X3	9	0	470	309.60
DCTM-C015-G040	1-1/2X4	10	0	470	406.25
DCTM-C020-G040	2X4	3	0	470	419.57
DCTM-C030-G060	3X6	1	15	470	710.09
DCTM-C040-G080	4X8	1	3	470	1075.16

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	226.56
DCTM-C007-C030	3/4X3	8	0	470	231.52
DCTM-C010-C030	1X3	4	0	470	238.06
DCTM-C015-C040	1-1/2X4	4	0	470	301.33
DCTM-C020-C040	2X4	4	0	470	314.61
DCTM-C030-C060	3X6	1	3	470	569.87
DCTM-C040-C080	4X8	1	2	470	1018.76
DCTM-C060-C100	6X10	1	2	470	1550.53
DCTM-C080-C120	8X12	1	3	470	2492.92

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	13.93



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	13.93
DCCT-H010-A030	1X3	55	220	470	15.12
DCCT-H015-A040	1-1/2X4	55	0	470	20.12
DCCT-H020-A040	2X4	55	0	470	20.12
DCCT-H030-A060	3X6	55	0	470	25.69
DCCT-H040-A080	4X8	55	0	470	31.75
DCCT-H060-A100	6X10	25	0	470	41.19
DCCT-H080-A120	8X12	25	0	470	51.72

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	13.93
DCCT-H007-G020	3/4X2	55	330	470	13.93
DCCT-H010-G030	1X3	55	220	470	15.51
DCCT-H015-G040	1-1/2X4	55	220	470	20.12
DCCT-H020-G040	2X4	55	0	470	20.12
DCCT-H030-G060	3X6	55	0	470	25.69
DCCT-H040-G080	4X8	55	0	470	31.75

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	13.93
DCCT-H007-B020	3/4X2	55	330	470	13.93
DCCT-H010-B030	1X3	55	220	470	15.51
DCCT-H015-B040	1-1/2X4	55	0	470	15.51
DCCT-H020-B040	2X4	55	0	470	20.12
DCCT-H030-B060	3X6	55	0	470	25.69
DCCT-H040-B080	4X8	55	0	470	31.75
DCCT-H060-B100	6X10	25	0	470	41.19
DCCT-H080-B120	8X12	20	0	470	51.72

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	13.93
DCCT-H007-C030	3/4X3	55	220	470	13.93
DCCT-H010-C030	1X3	55	220	470	15.51
DCCT-H015-C040	1-1/2X4	55	0	470	15.51
DCCT-H020-C040	2X4	55	0	470	20.12
DCCT-H030-C060	3X6	55	0	470	25.69
DCCT-H040-C080	4X8	55	0	470	31.75
DCCT-H060-C100	6X10	1	24	470	41.19
DCCT-H080-C120	8X12	20	0	470	51.72

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)
Seats:	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 310.44	VBA30-A005-A020 315.91	1	0	470
3/4X3	VBA20-A007-A030 323.34	VBA30-A007-A030 329.83	1	5	470
1X3	VBA20-A010-A030 419.06	VBA30-A010-A030 340.31	1	0	470
1-1/2X4	VBA20-A015-A040 570.66	VBA30-A015-A040 583.22	1	0	470
2X4	VBA20-A020-A040 648.87	VBA30-A020-A040 606.34	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 1377.03	VBA30-A005-G020 1382.49	1	0	470
3/4X3	VBA20-A007-G030 1386.28	VBA30-A007-G030 1392.78	1	0	470
1X3	VBA20-A010-G030 1397.57	VBA30-A010-G030 1406.46	1	0	470
1-1/2X4	VBA20-A015-G040 2513.22	VBA30-A015-G040 2525.77	1	0	470
2X4	VBA20-A020-G040 2550.76	VBA30-A020-G040 2566.69	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 325.78	VBA30-B005-A020 331.25	1	0	470
3/4X3	VBA20-B007-A030 339.17	VBA30-B007-A030 345.65	1	0	470
1X3	VBA20-B010-A030 350.59	VBA30-B010-A030 659.56	1	0	470
1-1/2X4	VBA20-B015-A040 605.88	VBA30-B015-A040 768.84	1	0	470
2X4	VBA20-B020-A040 666.48	VBA30-B020-A040 798.06	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 1388.01	VBA30-B005-G020 1393.47	1	0	470
3/4X3	VBA20-B007-G030 1402.19	VBA30-B007-G030 1408.68	1	0	470
1X3	VBA20-B010-G030 1413.55	VBA30-B010-G030 1421.62	1	0	470
1-1/2X4	VBA20-B015-G040 2545.09	VBA30-B015-G040 2557.66	1	0	470
2X4	VBA20-B020-G040 2583.72	VBA30-B020-G040 2598.99	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 464.65	VBA30-B005-B020 656.80	1	0	470
3/4X3	VBA20-B007-B030 665.54	VBA30-B007-B030 672.03	1	0	470
1X3	VBA20-B010-B030 676.14	VBA30-B010-B030 683.56	1	0	470
1-1/2X4	VBA20-B015-B040 877.14	VBA30-B015-B040 889.83	1	0	470
2X4	VBA20-B020-B040 1030.06	VBA30-B020-B040 1045.44	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 350.75	VBA30-C005-A020 357.89	1	0	470
3/4X3	VBA20-C007-A030 364.17	VBA30-C007-A030 373.20	1	0	470
1X3	VBA20-C010-A030 386.18	VBA30-C010-A030 396.87	1	0	470
1-1/2X4	VBA20-C015-A040 683.87	VBA30-C015-A040 719.82	1	0	470
2X4	VBA20-C020-A040 735.00	VBA30-C020-A040 1131.86	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 668.60	VBA30-C005-B020 675.75	1	0	470
3/4X3	VBA20-C007-B030 690.59	VBA30-C007-B030 699.61	1	5	470
1X3	VBA20-C010-B030 712.55	VBA30-C010-B030 723.24	1	4	470
1-1/2X4	VBA20-C015-B040 1062.83	VBA30-C015-B040 1082.06	1	3	470
2X4	VBA20-C020-B040 1125.25	VBA30-C020-B040 1157.60	1	5	470

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

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
1/2X2	VBA20-C005-C020 1009.61	VBA30-C005-C020 1016.75	1	0	470
3/4X3	VBA20-C007-C030 1035.02	VBA30-C007-C030 1044.05	1	3	470
1X3	VBA20-C010-C030 1078.78	VBA30-C010-C030 1936.63	1	0	470
1-1/2X4	VBA20-C015-C040 2087.99	VBA30-C015-C040 2105.99	1	3	470
2X4	VBA20-C020-C040 2149.99	VBA30-C020-C040 2182.34	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 1405.21	VBA30-C005-G020 1412.35	1	4	470
3/4X3	VBA20-C007-G030 1427.19	VBA30-C007-G030 1436.21	1	0	470
1X3	VBA20-C010-G030 1449.14	VBA30-C010-G030 1484.93	1	0	470
1-1/2X4	VBA20-C015-G040 2611.53	VBA30-C015-G040 2632.12	1	0	470
2X4	VBA20-C020-G040 2673.81	VBA30-C020-G040 2706.16	1	0	470