

Double Containment Product  
**Termination Fittings & Centralizers**



**Termination Fittings**

**DC Termination Fitting CPVC Sch 80 x Sch 80 Gray**

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

**DC Termination Fitting CPVC Sch 80 x PVC Sch 40 Clear**

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

**DC Termination Fitting CPVC Sch 80 x CPVC Sch 80**

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

**Centralizers**



Centralizers are a simple slip-on design that are positioned and held in place by a few wraps of clean-room adhesive on each side. Centralizers hold the Carrier piping centrally located within the Containment piping and are designed with an annular space for routing of leak detection cable, if used. See *Double Containment Design & Installation Guide* for proper installation. The following Spacing Chart can be used as a guide for determining the quantity of Centralizers needed, based on temperature and Carrier pipe size and schedule selected.

**Centralizers**

**RECOMMENDED MINIMUM CENTRALIZER SUPPORT SPACING (ft.) \***

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

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

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

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

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

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

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
<b>Carrier x Containment</b>					
DCCT-H005-A020	1/2X2	55	330	470	15.43



# Centralizers & Ball Valve Box With Valve

## Centralizers

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

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

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

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

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

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

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

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

## Ball Valve Box With Valve



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

Handle and Centralizers for positioning valve in box. Carrier valves are equipped with extenders to facilitate cement assembly. See *Double Containment Design & Installation Guide* for proper installation.

**General Installation Information:** Ball check valves may be installed in either horizontal or vertical position. A minimum of ten (10) pipe diameters' distance maintained from any pump or other source of turbulence. Check valves **MUST** be installed with the valve's FLOW arrow pointing in the direction of flow. While Valve Boxes include Centralizers for valve, additional Centralizers are used inside the Containment piping system installed on Carrier pipe and must be ordered separately according to same Carrier x Containment size and pipe schedule selected.

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

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

All Valves assembled with Silicone-Free, Water Soluble Lubricant

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

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