

Schedule 80 CPVC Product
Tank Adapters & Pipe Flanges



Tank Adapters

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
-------------	------	--------	----------	-----------	------

Tank Adapter Wrench Sets (New Style)

Body Wrench & Nut Wrench



TAW-002	1/4	1	25	299	24.25
TAW-003	3/8	1	25	299	24.25
TAW-005	1/2	1	25	299	24.25
TAW-007	3/4	1	25	299	24.73
TAW-010	1	1	25	299	25.72
TAW-012	1-1/4	1	20	299	29.01
TAW-015	1-1/2	1	20	299	31.46
TAW-020	2	1	10	299	35.84
TAW-025	2-1/2	1	10	299	39.65
TAW-030	3	1	10	299	43.71
TAW-040	4	1	10	299	46.82

Tank Adapter Individual Body Wrench (New Style)

TAW1-002	1/4	500	0	299	13.61
TAW1-003	3/8	400	0	299	13.61
TAW1-005	1/2	250	0	299	13.61
TAW1-007	3/4	220	0	299	13.87
TAW1-010	1	200	0	299	14.44
TAW1-012	1-1/4	300	0	299	16.36
TAW1-015	1-1/2	150	0	299	17.61
TAW1-020	2	100	0	299	19.12
TAW1-025	2-1/2	80	0	299	19.98
TAW1-030	3	74	0	299	25.05
TAW1-040	4	35	0	299	25.77

Tank Adapter Individual Nut Wrench (New Style)

TAW2-002	1/4	300	0	299	13.61
TAW2-003	3/8	250	0	299	13.61
TAW2-005	1/2	200	0	299	13.61
TAW2-007	3/4	160	0	299	13.87
TAW2-010	1	110	0	299	14.44
TAW2-012	1-1/4	200	0	299	16.36
TAW2-015	1-1/2	120	0	299	17.61
TAW2-020	2	100	0	299	19.12
TAW2-025	2-1/2	50	0	299	19.98
TAW2-030	3	40	0	299	25.05
TAW2-040	4	35	0	299	25.77

Pipe Flanges

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
-------------	------	--------	----------	-----------	------

Flange One Piece

Socket



150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

851-005C	1/2	25	0	090	29.77
851-007C	3/4	25	0	090	30.46
851-010C	1	15	0	090	33.26
851-012C	1-1/4	15	0	090	40.60
851-015C	1-1/2	20	0	090	45.06
851-020C	2	10	0	090	54.55
851-025C	2-1/2	10	0	090	113.03
851-030C	3	10	0	090	118.19
851-040C	4	5	0	090	159.69
851-050C	5	5	0	090	292.65
851-060C	6	5	0	090	272.03
851-080C	8	2	0	090	817.56
851-100C	10	2	0	091	1018.95
851-120C	12	2	0	091	1431.28

Flange One Piece

Fipt

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

852-005C	1/2	25	0	090	41.63
852-007C	3/4	25	0	090	50.47
852-010C	1	15	0	090	55.08
852-012C	1-1/4	15	0	090	76.44
852-015C	1-1/2	20	0	090	80.92
852-020C	2	10	0	090	82.40
852-025C	2-1/2	10	0	090	133.76
852-030C	3	10	0	090	132.72
852-040C	4	5	0	090	206.33

Flange - Special Reinforced One Piece Threaded

SR Fipt - Stainless Steel Collar

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

852-005CSR	1/2	25	0	096	22.88
852-007CSR	3/4	25	0	096	27.76
852-010CSR	1	15	0	096	30.37
852-012CSR	1-1/4	15	0	096	42.03
852-015CSR	1-1/2	15	0	096	44.56
852-020CSR	2	10	0	096	45.64
852-025CSR	2-1/2	10	0	096	73.43
852-030CSR	3	10	0	096	72.86
852-040CSR	4	5	0	096	136.54



Pipe Flanges

Pipe Flanges

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
-------------	------	--------	----------	-----------	------



Flange - Blind

1/2" - 12" Molded - 150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

14" - 24" Fabricated - 50 psi Maximum Internal Pressure Rating @ 73°F (23°C)

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
853-005C	1/2	25	100	090	44.63
853-007C	3/4	25	0	090	48.39
853-010C	1	20	0	090	60.33
853-012C	1-1/4	20	0	090	68.25
853-015C	1-1/2	15	0	090	95.53
853-020C	2	10	0	090	100.36
853-025C	2-1/2	10	0	090	151.81
853-030C	3	10	0	090	188.73
853-040C	4	8	0	090	255.64
853-060C	6	5	0	090	428.82
853-080C	8	5	0	090	795.40
853-100C	10	3	0	091	1434.19
853-120C	12	2	0	091	2409.44
853-140CF	14	1	0	097	2800.08
853-160CF	16	1	0	097	4341.51
853-180CF	18	1	0	097	5351.97
853-200CF	20	1	0	097	5734.80
853-240CF	24	1	0	097	6978.07

Flange Van Stone Style with Plastic Ring

Socket

1/2" - 18" molded - 150 psi = maximum internal pressure rating @ 73°F (23°C)

18" - 24" fabricated - 50 psi = maximum internal pressure rating @ 73°F (23°C)

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
854-005C	1/2	25	0	090	29.97
854-007C	3/4	25	0	090	30.65
854-010C	1	15	0	090	33.47
854-012C	1-1/4	15	0	090	40.86
854-015C	1-1/2	20	0	090	45.38
854-020C	2	10	0	090	54.95
854-025C	2-1/2	10	0	090	113.83
854-030C	3	10	0	090	119.18
854-040C	4	5	0	090	160.94
854-050C	5	5	0	090	274.25
854-060C	6	5	0	090	274.25
854-080C	8	2	0	090	825.18
854-100C	10	2	0	091	1986.49
854-120C	12	2	0	091	2980.81
854-140C	14	1	0	095	3358.87
854-160C	16	1	0	095	4198.60
854-180C	18	1	0	095	6815.94



Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
-------------	------	--------	----------	-----------	------

Flange Van Stone Style with Plastic Ring (continued)

Socket

854-200CFP	20	1	0	097	6751.40
854-240CFP	24	1	0	097	11318.71

Flange Van Stone Style with Plastic Ring

Spigot

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

856-005C	1/2	25	0	090	34.66
856-007C	3/4	25	0	090	37.21
856-010C	1	15	0	090	42.25
856-012C	1-1/4	15	0	090	52.27
856-015C	1-1/2	15	0	090	57.81
856-020C	2	10	0	090	80.91
856-025C	2-1/2	10	0	090	126.73
856-030C	3	10	0	090	138.77
856-040C	4	5	0	090	142.80
856-060C	6	4	0	090	311.80
856-080C	8	2	0	090	635.56
856-100C	10	2	0	091	2134.14
856-120C	12	2	0	091	3205.80
856-140CF	14	1	0	097	3410.98
856-160CF	16	1	0	097	4225.29



Flange Van Stone Style with Plastic Solid Ring

Socket

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

S854-030C	3	10	0	090	170.23
S854-040C	4	5	0	090	229.97
S854-060C	6	4	0	090	391.77
S854-080C	8	2	0	090	1178.79
S854-100C	10	2	0	091	2837.86
S854-120C	12	2	0	091	4258.29



Flange Van Stone Style Class 300 Bolt Pattern Fabricated with Plastic Ring

Socket

Molded with fabricated ring - 150 psi = maximum internal pressure rating @ 73°F (23°C)

854-005CL300C	1/2	1	25	097	228.07
854-007CL300C	3/4	1	25	097	305.57
854-010CL300C	1	1	15	097	372.60
854-012CL300C	1-1/4	1	15	097	395.84
854-015CL300C	1-1/2	1	20	097	411.02
854-020CL300C	2	1	10	097	456.58
854-025CL300C	2-1/2	1	10	097	543.31
854-030CL300C	3	1	10	097	590.44
854-040CL300C	4	1	5	097	931.16
854-060CL300C	6	1	4	097	1758.35
854-080CL300C	8	1	3	097	2023.31



Pipe Flanges & Van Stone Style Flange Replacement Split Rings



Pipe Flanges

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
-------------	------	--------	----------	-----------	------

Flange Van Stone Style Class 300 Bolt Pattern Fabricated with Plastic Ring (continued)

Socket

854-100CL300C	10	1	2	097	2287.64
854-120CL300C	12	1	0	097	2857.96
854-140CL300C	14	1	0	097	3174.16
854-160CL300C	16	1	0	097	3339.86

Flange Van Stone Style with Plastic Ring

Fipt

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

855-005C	1/2	25	0	090	41.91
855-007C	3/4	25	0	090	50.79
855-010C	1	15	0	090	55.45
855-012C	1-1/4	15	0	090	76.33
855-015C	1-1/2	20	0	090	81.49
855-020C	2	10	0	090	83.02
855-025C	2-1/2	10	0	090	133.66
855-030C	3	10	0	090	133.66
855-040C	4	5	0	090	207.80
855-060C ¹	6	1	0	090	351.78
855-060CF	6	1	2	097	312.71
855-080C ¹	8	1	2	090	540.68
855-080CF	8	1	2	097	480.60
855-100CF	10	1	0	097	815.58
855-120CF	12	1	0	097	1032.48

¹ Flange assembled with molded Female Adapter

Flange Van Stone Style with Steel Ring

Socket

150 psi Maximum Internal Pressure Rating @73°F (23°C)

854-120CFS	12	1	0	097	1337.03
854-140CFS	14	1	0	098	1782.26
854-160CFS	16	1	0	097	2885.97
854-180CFS	18	1	0	097	3771.60
854-200CFS	20	1	0	097	4588.67
854-240CFS	24	1	0	097	7258.51

Flange One Piece Multi-Bolt Pattern*

ASTM Socket x Multi-bolt Pattern Ring

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

M851-100C	10	2	0	091	574.79
M851-120C	12	2	0	091	885.87

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
-------------	------	--------	----------	-----------	------

Flange One Piece Multi-Bolt Pattern* (continued)

ASTM Socket x Multi-bolt Pattern Ring

Hubs fit 10" and 12" ASTM IPS pipe. Rings are manufactured to accept bolt patterns in size 10" and 12" in ANSI Class 150, B.S. 4504 PN10, B.S. 4504 PN16, B.S. 10 Table E for size 10". Consult Spears® Manufacturing Company Technical Services for additional information. Not for use with wafer valves.

Flange Van Stone Style with Plastic Ring ASTM

Socket x Multi-bolt Pattern Ring

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

M854-020C	2	10	0	090	53.88
M854-060C	6	4	0	090	274.25
M854-080C	8	2	0	090	825.18

Flange Van Stone Style with PN 10/16 Drilling CPVC Ring

ASTM Socket x DIN PN 10/16 Drilling

150 psi Maximum Internal Pressure Rating @ 73°F (23°C)

854-030CDIN	3	10	0	090	119.18
854-040CDIN	4	5	0	090	160.94

* Hubs fit 3" or 4" ASTM IPS Pipe. Rings are manufactured to DIN 8063-4 PN 10 and PN 16 bolt patterns.

Van Stone Style Flange Replacement Split Rings

Application & Use of Van Stone Style Flange Replacement Split Rings



Designed for easy Van Stone style flange ring replacement in the event of system modification, repair, or improper assembly without having to remove existing flange hub. Split rings are made as a direct replacement of existing one-piece rings used on Spears® brand only of Van Stone style flanges with ANSI Class 150 bolt pattern plastic rings. Remove old ring to be replaced then simply

place the split ring sections around hub and install flange bolts (not included) through special designed section overlap to hold in position. Install appropriate user supplied bolts, washers and gasket (see Flange Gasket and Bolt Hardware Kits in this catalog); torque to specifications according to normal flange assembly. Split rings are a set of either 2-pieces or 4-pieces (illustrated) sections depending on size, in regular PVC, Glass Filled PVC, or CPVC for flange type and sizes listed.

Flange Replacement Split Rings, CPVC

For Spears® Flanges with CPVC Rings

854-005-1SC	1/2	25	0	090	87.03
854-007-1SC	3/4	25	0	090	92.39