



## Schedule 80 PVC Product Tank Adapters & Pipe Flanges

### Tank Adapters

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
<b>Tank Adapter Gasket Only - EPDM (New Style) (continued)</b>					
3E-007	3/4	10	0	299	3.17
3E-010	1	10	0	299	4.58
3E-012	1-1/4	10	0	299	9.63
3E-015	1-1/2	10	0	299	9.89
3E-020	2	10	0	299	11.33
3E-025	2-1/2	10	0	299	16.04
3E-030	3	10	0	299	17.25
3E-040	4	10	0	299	25.98
2E-060	6	10	0	299	46.92
3E-080	8	10	0	299	124.02



### Tank Adapter Gasket Only - FKM (New Style)

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
3V-002	1/4	10	0	299	11.98
3V-003	3/8	10	0	299	15.23
3V-005	1/2	10	0	299	19.38
3V-007	3/4	10	0	299	21.48
3V-010	1	10	0	299	23.46
3V-012	1-1/4	10	0	299	43.91
3V-015	1-1/2	10	0	299	47.12
3V-020	2	10	0	299	60.72
3V-025	2-1/2	10	0	299	73.99
3V-030	3	10	0	299	133.44
3V-040	4	10	0	299	166.18
2V-060	6	10	0	299	586.61
3V-080	8	10	0	299	944.09

### Tank Adapter Wrench Sets (New Style)

#### Body Wrench & Nut Wrench

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
TAW-002	1/4	1	25	299	25.53
TAW-003	3/8	1	25	299	25.53
TAW-005	1/2	1	25	299	25.53
TAW-007	3/4	1	25	299	26.03
TAW-010	1	1	25	299	27.07
TAW-012	1-1/4	1	20	299	30.54
TAW-015	1-1/2	1	20	299	33.12
TAW-020	2	1	10	299	37.73
TAW-025	2-1/2	1	10	299	41.74
TAW-030	3	1	10	299	46.01
TAW-040	4	1	10	299	49.28



### Tank Adapter Individual Body Wrench (New Style)

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
TAW1-002	1/4	500	0	299	14.33
TAW1-003	3/8	400	0	299	14.33

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
<b>Tank Adapter Individual Body Wrench (New Style) (continued)</b>					
TAW1-005	1/2	250	0	299	14.33
TAW1-007	3/4	220	0	299	14.60
TAW1-010	1	200	0	299	15.20
TAW1-012	1-1/4	300	0	299	17.22
TAW1-015	1-1/2	150	0	299	18.54
TAW1-020	2	100	0	299	20.13
TAW1-025	2-1/2	80	0	299	21.03
TAW1-030	3	74	0	299	26.37
TAW1-040	4	35	0	299	27.13



### Tank Adapter Individual Nut Wrench (New Style)

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
TAW2-002	1/4	300	0	299	14.33
TAW2-003	3/8	250	0	299	14.33
TAW2-005	1/2	200	0	299	14.33
TAW2-007	3/4	160	0	299	14.60
TAW2-010	1	110	0	299	15.20
TAW2-012	1-1/4	200	0	299	17.22
TAW2-015	1-1/2	120	0	299	18.54
TAW2-020	2	100	0	299	20.13
TAW2-025	2-1/2	50	0	299	21.03
TAW2-030	3	40	0	299	26.37
TAW2-040	4	35	0	299	27.13

### Pipe Flanges

#### Flange Van Stone Style -PIP



#### Flange x PIP Socket

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

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
354-060F	6X6.140	1	4	320	148.12
354-080F	8X8.160	1	2	320	224.28
354-100F	10X10.200	1	2	320	315.36
354-120F	12X12.240	1	2	320	456.75
354-150F	14X15.300	1	0	320	1217.46
354-151F	16X15.300	1	0	320	1388.87
354-181F	18X18.701	1	0	320	2109.93
354-182F	18X18.360	1	0	320	2109.93
354-201F	20X22.047	1	0	320	3213.86
354-241F	24X24.803	1	0	320	4706.61

For more information, refer to 80, 100 & 125 psi PIP Fabrication Fittings.

PIP = Plastic Irrigation Pipe (dimensions are NOT the same as IPS dimensions)

Sizes 6" - 16" are furnished with Glass Filled PVC ring.  
 Sizes 18" - 24" are furnished with steel ring.

# Pipe Flanges



## Pipe Flanges

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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### Flange One Piece

#### Socket

1/2" - 16" 150 psi Maximum Internal Pressure Rating @73°F (23°C)

18" - 24" 50 psi Maximum Internal Pressure Rating @73°F (23°C)

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
851-005	1/2	25	0	080	21.12
851-007	3/4	25	0	080	22.57
851-010	1	15	0	080	25.13
851-012	1-1/4	15	0	080	25.89
851-015	1-1/2	20	0	080	26.45
851-020	2	10	0	080	35.21
851-025	2-1/2	10	0	080	54.35
851-030	3	10	0	080	60.02
851-040	4	5	0	080	76.00
851-050	5	5	0	080	119.49
851-060	6	5	0	080	119.49
851-080	8	2	0	080	213.83
851-100	10	2	0	081	293.48
851-100F	10	1	2	083	581.05
851-120	12	2	0	081	385.01
851-120F	12	1	0	083	705.60
851-140F	14	1	0	083	1297.74
851-160F	16	1	0	083	1781.01
851-180F	18	1	0	083	3767.55
851-200F	20	1	0	083	4613.63
851-240F	24	1	0	083	6127.44



### Flange One Piece

#### Fipt

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

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
852-005	1/2	25	0	080	25.27
852-007	3/4	25	0	080	29.62
852-010	1	15	0	080	32.42
852-012	1-1/4	15	0	080	44.71
852-015	1-1/2	20	0	080	48.79
852-020	2	10	0	080	49.89
852-025	2-1/2	10	0	080	114.73
852-030	3	10	0	080	118.08
852-040	4	5	0	080	221.86
852-060F	6	1	8	083	266.54
852-080F	8	1	2	083	668.93



Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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### Flange - Special Reinforced One Piece

#### SR Fipt - Stainless Steel Collar

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

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
852-005SR	1/2	25	0	086	13.89
852-007SR	3/4	25	0	086	16.33
852-010SR	1	15	0	086	17.83
852-012SR	1-1/4	15	0	086	24.58
852-015SR	1-1/2	15	0	086	26.89
852-020SR	2	10	0	086	27.55
852-025SR	2-1/2	10	0	086	63.09
852-030SR	3	10	0	086	64.96
852-040SR	4	5	0	086	122.11



### 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
853-005	1/2	25	0	080	29.61
853-007	3/4	25	0	080	35.25
853-010	1	15	0	080	48.16
853-012	1-1/4	20	0	080	59.12
853-015	1-1/2	15	0	080	59.12
853-020	2	10	0	080	88.34
853-025	2-1/2	10	0	080	143.91
853-030	3	10	0	080	173.66
853-040	4	8	0	080	216.34
853-050F	5	1	5	083	542.29
853-060	6	5	0	080	262.89
853-080	8	5	0	080	329.06
853-100	10	3	0	081	550.25
853-120	12	2	0	081	856.98
853-140F	14	1	0	083	1630.32
853-160F	16	1	0	083	1933.24
853-180F	18	1	0	083	2174.18
853-200F	20	1	0	083	3514.23
853-240F	24	1	0	083	4685.20



### Flange Van Stone Style with PVC 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
854-005	1/2	25	0	080	21.08
854-007	3/4	25	0	080	22.56
854-010	1	15	0	080	25.12
854-012	1-1/4	15	0	080	25.87





# Pipe Flanges

## Pipe Flanges

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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### Flange Van Stone Style with PVC Ring (continued)

#### Socket

854-015	1-1/2	20	0	080	26.39
854-020	2	10	0	080	35.16
854-025	2-1/2	10	0	080	54.29
854P-030	3	10	0	080	60.00
854P-040	4	5	0	080	75.88
854P-050	5	5	0	080	119.39
854P-060	6	5	0	080	119.39
854P-080	8	2	0	080	215.33
854P-100	10	2	0	081	251.69
854P-120	12	2	0	081	271.37
854P-140	14	1	0	082	1047.62
854P-160	16	1	0	082	1401.25
854P-180	18	1	0	082	2260.02
854-180FP	18	1	0	083	3575.76
854-200FP	20	1	0	083	4373.67
854-240FP	24	1	0	083	5949.64

### Flange Van Stone Style with Glass Filled PVC Ring

#### Socket

3" - 18" molded - 150 psi = maximum internal pressure rating @ 73°F (23°C)

854-030	3	10	0	080	60.00
854-040	4	5	0	080	75.88
854-050	5	5	0	080	119.39
854-060	6	5	0	080	119.39
854-080	8	2	0	080	215.33
854-100	10	2	0	081	251.69
854-120	12	2	0	081	271.37
854-140	14	1	0	082	1047.62
854-160	16	1	0	082	1401.25
854-180	18	1	0	082	2260.02

18" flange has 4-section ring

### Flange Van Stone Style Class 300 Bolt Pattern Fabricated with PVC Ring

#### Socket

1/2" - 16" molded with fab ring - 150 psi = maximum internal pressure rating @ 73°F (23°C)

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

854-005CL300	1/2	1	25	083	173.36
854-007CL300	3/4	1	25	083	201.44
854-010CL300	1	1	15	083	316.51
854-012CL300	1-1/4	1	15	083	323.18
854-015CL300	1-1/2	1	20	083	335.72
854-020CL300	2	10	0	083	353.46
854-025CL300	2-1/2	1	10	083	388.12
854-030CL300	3	1	10	083	426.24

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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### Flange Van Stone Style Class 300 Bolt Pattern Fabricated with PVC Ring (continued)

#### Socket

854-040CL300	4	3	0	083	722.75
854-060CL300	6	1	4	083	1376.58
854-080CL300	8	1	3	083	1566.92
854-100CL300	10	1	2	083	1844.69
854-120CL300	12	1	0	083	2363.43
854-140CL300	14	1	0	083	2605.91
854-160CL300	16	1	0	083	2713.77
854-180CL300	18	1	0	083	3794.27
854-200CL300	20	1	0	083	6578.47
854-240CL300	24	1	0	083	9663.20

### Flange Van Stone Style with PVC Ring

#### Spigot

1/2" - 16" = 150 psi maximum internal pressure rating @ 73°F (23°C)

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

856-005	1/2	25	0	080	21.21
856-007	3/4	25	0	080	22.73
856-010	1	15	0	080	25.33
856-012	1-1/4	15	0	080	26.13
856-015	1-1/2	15	0	080	26.65
856-020	2	10	0	080	35.42
856-025	2-1/2	10	0	080	54.75
856P-030	3	10	0	080	60.47
856P-040	4	5	0	080	76.52
856P-060	6	4	0	080	120.37
856P-080	8	2	0	080	215.33
856P-100	10	2	0	081	251.69
856P-120	12	2	0	081	271.37
856-200FP	20	1	0	083	4373.67
856-240FP	24	1	0	083	5949.64

### Flange Van Stone Style with Glass Filled PVC Ring

#### Spigot

3" - 12" molded, 14" - 18" molded/fabricated - 150 psi = maximum internal pressure rating @ 73°F (23°C)

856-030	3	10	0	080	60.47
856-040	4	5	0	080	76.52
856-060	6	4	0	080	120.37
856-080	8	2	0	080	215.33
856-100	10	2	0	081	251.69
856-120	12	2	0	081	271.37
856-140FP	14	1	0	083	2247.51
856-160FP	16	1	0	083	2726.83
856-180FP	18	1	0	083	3575.76

\*\* Fabricated from molded socket flanges with pipe spigot.

18" flange uses 4-piece ring

# Pipe Flanges



## Pipe Flanges

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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### Flange Van Stone Style with Steel Ring

#### Socket



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

854-120FS	12	1	0	083	1338.86
854-140FS	14	1	0	083	1430.46
854-160FS	16	1	0	083	1732.67
854-180FS	18	1	0	083	2110.97
854-200FS	20	1	0	083	2558.03
854-240FS	24	1	0	083	3442.71

### Flange Van Stone Style with Steel Ring

#### Spigot



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

856-140FS	14	1	0	083	1137.45
856-160FS	16	1	0	083	1390.31
856-180FS	18	1	0	083	1575.36
856-200FS	20	1	0	083	1897.49
856-240FS	24	1	0	083	2576.60

### Flange Van Stone Style PVC with Solid Ring

#### Socket



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

S854-020	2	10	0	080	43.95
S854-030	3	10	0	080	75.02
S854-040	4	5	0	080	94.89

### Flange Van Stone Style PVC with Glass Filled PVC Solid Ring

#### Socket



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

S854-060	6	5	0	080	149.26
S854-080	8	2	0	080	243.01
S854-100	10	2	0	081	314.60
S854-120	12	2	0	081	339.18

### Flange, One Piece PVC Multi-Bolt Pattern\*

#### ASTM Socket x Multi-bolt Pattern Ring



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

M851-100	10	2	0	081	221.32
M851-120	12	2	0	081	381.17

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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### Flange, One Piece PVC 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, Table E & JIS 10K for size 10", Table D & E for size 12" Consult Spears® Manufacturing Company Technical Services for additional information. Not for use with wafer valves.

### Flange Van Stone Style with Multi-Bolt Pattern PVC Ring\*

#### ASTM Socket x Multi-bolt Pattern Ring



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

M854-020	2	10	0	080	35.16
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\* Hubs fit 2" ASTM IPS pipe. Rings are manufactured to accept bolt patterns in size 2" in ANSI Class 150, B.S. 4504 PN10 B.S. 4504 PN16 (except 8"), B.S. 10 Table D and B.S. 10 Table E. Consult Spears® Manufacturing Company Technical Services for additional information. Not for use with wafer valves.

### Flange Van Stone Style with Multi-Bolt Pattern Glass Filled PVC Ring\*

#### ASTM Socket x Multi-bolt Pattern Ring



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

M854-060	6	5	0	080	119.39
M854-080	8	2	0	080	194.40

\* Hubs fit 6" and 8" ASTM IPS pipe. Rings are manufactured to accept bolt patterns in size 6" and 8" in ANSI Class 150, B.S. 4504 PN10 B.S. 4504 PN16 (except 8"), B.S. 10 Table D and B.S. 10 Table E. Consult Spears® Manufacturing Company Technical Services for additional information. Not for use with wafer valves.

### Flange Van Stone Style with Multi-Bolt Pattern PVC Ring\*

#### ASTM Spigot x Multi-bolt Pattern Ring



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

M856-020	2	10	0	080	35.42
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\* Spigots fit 2" ASTM IPS fitting socket. Rings are manufactured to accept bolt patterns in size 2" in ANSI Class 150, B.S. 4504 NP10 B.S. 4504 NP16 (except 8"), B.S. 10 Table D and B.S. 10 Table E. Consult Spears® Manufacturing Company Technical Services for additional information. Not for use with wafer valves.

### Flange Van Stone Style with Multi-Bolt Pattern Glass Filled PVC Ring\*

#### ASTM Spigot x Multi-bolt Pattern Ring



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

M856-060	6	4	0	080	120.37
M856-080	8	2	0	080	195.87

\* Spigots fit 6" and 8" ASTM IPS fitting socket. Rings are manufactured to accept bolt patterns in size 6" and 8" in ANSI Class 150, B.S. 4504 PN10 B.S. 4504 PN16 (except 8"), B.S. 10 Table D and B.S. 10 Table E. Consult Spears® Manufacturing Company Technical Services for additional information. Not for use with wafer valves.





Pipe Flanges & Van Stone Style Flange Replacement Split Rings

Pipe Flanges

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Flange Van Stone Style with PVC Ring

Fipt

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

855-005	1/2	25	0	080	25.23
855-007	3/4	25	0	080	29.61
855-010	1	15	0	080	32.38
855-012	1-1/4	15	0	080	44.62
855-015	1-1/2	20	0	080	48.75
855-020	2	10	0	080	49.87
855-025	2-1/2	10	0	080	114.64



Flange Van Stone Style with Glass Filled PVC Ring

Fipt

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

855-030	3	10	0	080	117.93
855-040	4	5	0	080	214.41
855-060	6	1	4	080	337.19
855-060F	6	1	4	083	299.72
855-080	8	2	0	080	417.83
855-080F	8	1	2	083	371.85
855-100F	10	1	2	083	418.94



Flange Van Stone Style with Table D&E Drilling PVC Ring\*

ASTM Socket x Table D&E Drilling

150 psi

854-030DE	3"/80 nom.	10	0	080	60.00
854-040DE	4"/110 nom.	5	0	080	75.88

\* Hubs fit 3" or 4" ASTM IPS Pipe. Rings are manufactured to BS 10 Table D & Table E bolt patterns.



Flange Van Stone Style with PN/10/16 Drilling PVC Ring\*

ASTM Socket x DIN PN 10/16 Drilling

150 psi

854-030DIN	3"/80 nom.	10	0	080	60.00
854-040DIN	4"/110 nom.	5	0	080	75.88

\* 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.



Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Flange Replacement Split Rings, PVC

For Spears® flanges with regular PVC Rings

854P-005-1S	1/2	10	0	080	64.13
854P-007-1S	3/4	10	0	080	68.07
854P-010-1S	1	15	0	080	76.14
854P-012-1S	1-1/4	15	0	080	77.62
854P-015-1S	1-1/2	10	0	080	79.53
854P-020-1S	2	10	0	080	105.54
854P-025-1S	2-1/2	10	0	080	122.09
854P-030-1S	3	10	0	080	135.37
854P-040-1S	4	1	10	080	145.12
854P-050-1S	5	5	0	080	196.52
854P-060-1S	6	5	0	080	232.55
854P-080-1S	8	4	0	080	265.69
854P-100-1S	10	4	0	081	335.41
854P-120-1S	12	2	0	081	415.73
854P-140-1S	14	2	0	082	569.41
854P-160-1S	16	4	0	082	707.37
854P-180-1S	18	1	0	082	768.26
854P-200-1S	20	1	0	083	4077.63
854P-240-1S	24	1	0	083	4996.13

Fits 854-xxx Socket, 855-xxx Threaded, and 856-xxx Spigot hub configurations



Flange Replacement Split Rings, Glass Filled PVC

For Spears® flanges with Glass Filled PVC Rings

854-030-1S	3	10	0	080	135.37
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