

Schedule 80 PVC Product
Tank Adapters & Pipe Flanges



Tank Adapters

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
Tank Adapter Gasket Only - EPDM (New Style) (continued)					
3E-007	3/4	10	0	299	5.64
3E-010	1	10	0	299	8.12
3E-012	1-1/4	10	0	299	17.07
3E-015	1-1/2	10	0	299	17.54
3E-020	2	10	0	299	20.09
3E-025	2-1/2	10	0	299	28.44
3E-030	3	10	0	299	30.61
3E-040	4	10	0	299	46.07
2E-060	6	10	0	299	83.19
3E-080	8	10	0	299	219.86

Tank Adapter Gasket Only - FKM (New Style)

3V-002	1/4	10	0	299	21.23
3V-003	3/8	10	0	299	26.98
3V-005	1/2	10	0	299	34.35
3V-007	3/4	10	0	299	38.07
3V-010	1	10	0	299	41.59
3V-012	1-1/4	10	0	299	77.83
3V-015	1-1/2	10	0	299	83.55
3V-020	2	10	0	299	107.64
3V-025	2-1/2	10	0	299	131.16
3V-030	3	10	0	299	236.54
3V-040	4	10	0	299	294.61
2V-060	6	10	0	299	1039.93
3V-080	8	10	0	299	1673.66

Tank Adapter Wrench Sets (New Style)

Body Wrench & Nut Wrench

TAW-002	1/4	1	25	299	45.25
TAW-003	3/8	1	25	299	45.25
TAW-005	1/2	1	25	299	45.25
TAW-007	3/4	1	25	299	46.14
TAW-010	1	1	25	299	47.99
TAW-012	1-1/4	1	20	299	54.14
TAW-015	1-1/2	1	20	299	58.71
TAW-020	2	1	10	299	66.88
TAW-025	2-1/2	1	10	299	73.99
TAW-030	3	1	10	299	81.56
TAW-040	4	1	10	299	87.36

Tank Adapter Individual Body Wrench (New Style)

TAW1-002	1/4	500	0	299	25.40
TAW1-003	3/8	400	0	299	25.40

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
Tank Adapter Individual Body Wrench (New Style) (continued)					
TAW1-005	1/2	250	0	299	25.40
TAW1-007	3/4	220	0	299	25.88
TAW1-010	1	200	0	299	26.95
TAW1-012	1-1/4	300	0	299	30.52
TAW1-015	1-1/2	150	0	299	32.87
TAW1-020	2	100	0	299	35.69
TAW1-025	2-1/2	80	0	299	37.29
TAW1-030	3	74	0	299	46.76
TAW1-040	4	35	0	299	48.11

Tank Adapter Individual Nut Wrench (New Style)

TAW2-002	1/4	300	0	299	25.40
TAW2-003	3/8	250	0	299	25.40
TAW2-005	1/2	200	0	299	25.40
TAW2-007	3/4	160	0	299	25.88
TAW2-010	1	110	0	299	26.95
TAW2-012	1-1/4	200	0	299	30.52
TAW2-015	1-1/2	120	0	299	32.87
TAW2-020	2	100	0	299	35.69
TAW2-025	2-1/2	50	0	299	37.29
TAW2-030	3	40	0	299	46.76
TAW2-040	4	35	0	299	48.11

Pipe Flanges

Flange Van Stone Style -PIP

Flange x PIP Socket

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

354-060	6X6.140	5	0	080	225.15
354-060F	6X6.140	1	4	320	279.37
354-080	8X8.160	2	0	080	268.74
354-080F	8X8.160	1	2	320	422.99
354-100	10X10.200	2	0	081	561.60
354-100F	10X10.200	1	2	320	594.75
354-120	12X12.240	2	0	081	690.00
354-120F	12X12.240	1	2	320	861.40
354-150F	14X15.300	1	0	320	2296.07
354-151F	16X15.300	1	0	320	2619.34
354-181F	18X18.701	1	0	320	3979.19
354-182F	18X18.360	1	0	320	3979.19
354-200F	20X20.400	1	0	320	6061.14
354-201F	20X22.047	1	0	320	6061.14
354-241F	24X24.803	1	0	320	8876.36



Schedule 80 PVC Product

Pipe Flanges

Pipe Flanges

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Flange Van Stone Style -PIP (continued)

Flange x PIP Socket

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.



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)

851-005	1/2	25	0	080	66.39
851-007	3/4	25	0	080	70.94
851-010	1	15	0	080	78.97
851-012	1-1/4	15	0	080	81.36
851-015	1-1/2	20	0	080	83.15
851-020	2	10	0	080	110.66
851-025	2-1/2	10	0	080	170.82
851-030	3	10	0	080	188.65
851-040	4	5	0	080	238.91
851-050	5	5	0	080	375.59
851-060	6	5	0	080	375.59
851-080	8	2	0	080	672.11
851-100	10	2	0	081	922.48
851-120	12	2	0	081	1210.17
851-140F	14	1	0	083	4079.12
851-160F	16	1	0	083	5598.11
851-180F	18	1	0	083	11842.25
851-200F	20	1	0	083	14501.65
851-240F	24	1	0	083	19259.91



Flange One Piece

Fipt

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

852-005	1/2	25	0	080	79.45
852-007	3/4	25	0	080	93.12
852-010	1	15	0	080	101.92
852-012	1-1/4	15	0	080	140.55
852-015	1-1/2	20	0	080	153.36
852-020	2	10	0	080	156.81
852-025	2-1/2	10	0	080	360.62
852-030	3	10	0	080	371.14
852-040	4	5	0	080	655.55
852-060F	6	1	8	083	837.81
852-080F	8	1	2	083	2102.60

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)

852-005SR	1/2	25	0	086	43.65
852-007SR	3/4	25	0	086	51.33
852-010SR	1	15	0	086	56.03
852-012SR	1-1/4	15	0	086	77.24
852-015SR	1-1/2	15	0	086	84.54
852-020SR	2	10	0	086	86.60
852-025SR	2-1/2	10	0	086	198.32
852-030SR	3	10	0	086	204.20
852-040SR	4	5	0	086	382.97



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)

853-005	1/2	25	100	080	55.83
853-007	3/4	25	0	080	66.49
853-010	1	15	0	080	90.82
853-012	1-1/4	20	0	080	111.49
853-015	1-1/2	15	0	080	111.49
853-020	2	10	0	080	166.60
853-025	2-1/2	10	0	080	271.39
853-030	3	10	0	080	327.52
853-040	4	8	0	080	408.02
853-050F	5	1	5	083	794.32
853-060	6	5	0	080	495.78
853-080	8	5	0	080	620.59
853-100	10	3	0	081	1037.73
853-120	12	2	0	081	1616.21
853-140F	14	1	0	083	3074.69
853-160F	16	1	0	083	3645.96
853-180F	18	1	0	083	4100.35
853-200F	20	1	0	083	6627.60
853-240F	24	1	0	083	8835.99



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)

854-005	1/2	25	0	080	39.77
854-007	3/4	25	0	080	42.55
854-010	1	15	0	080	47.36
854-012	1-1/4	15	0	080	48.77

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	49.77
854-020	2	10	0	080	66.31
854-025	2-1/2	10	0	080	102.41
854P-030	3	10	0	080	113.17
854P-040	4	5	0	080	143.07
854P-050	5	5	0	080	225.15
854P-060	6	5	0	080	225.15
854P-080	8	2	0	080	406.11
854P-100	10	2	0	081	474.66
854P-120	12	2	0	081	511.80
854P-140	14	1	0	082	1975.76
854P-160	16	1	0	082	2642.66
854P-180	18	1	0	082	4262.25
854-180FP	18	1	0	083	6743.65
854-200FP	20	1	0	083	8248.43
854-240FP	24	1	0	083	11220.63

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	113.17
854-040	4	5	0	080	143.07
854-050	5	5	0	080	225.15
854-060	6	5	0	080	225.15
854-080	8	2	0	080	406.11
854-100	10	2	0	081	474.66
854-120	12	2	0	081	511.80
854-140	14	1	0	082	1975.76
854-160	16	1	0	082	2642.66
854-180	18	1	0	082	4262.25

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	326.94
854-007CL300	3/4	1	25	083	379.92
854-010CL300	1	15	90	083	596.94
854-012CL300	1-1/4	1	15	083	609.49
854-015CL300	1-1/2	1	20	083	633.15
854-020CL300	2	10	0	083	666.61
854-025CL300	2-1/2	1	10	083	731.97
854-030CL300	3	1	10	083	803.86

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	1363.04
854-060CL300	6	1	4	083	2596.14
854-080CL300	8	1	3	083	2777.76
854-100CL300	10	1	2	083	3270.25
854-120CL300	12	1	0	083	3418.99
854-140CL300	14	1	0	083	4914.56
854-160CL300	16	1	0	083	5118.00
854-180CL300	18	1	0	083	7155.75
854-200CL300	20	1	0	083	12406.57
854-240CL300	24	1	0	083	18224.17

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	40.02
856-007	3/4	25	0	080	42.87
856-010	1	15	0	080	47.77
856-012	1-1/4	15	0	080	49.28
856-015	1-1/2	15	0	080	50.25
856-020	2	10	0	080	66.80
856-025	2-1/2	10	0	080	103.24
856P-030	3	10	0	080	114.04
856P-040	4	5	0	080	144.32
856P-060	6	4	0	080	227.02
856P-080	8	2	0	080	406.11
856P-100	10	2	0	081	474.66
856P-120	12	2	0	081	511.80
856-200FP	20	1	0	083	8248.43
856-240FP	24	1	0	083	11220.63

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	114.04
856-040	4	5	0	080	144.32
856-060	6	4	0	080	227.02
856-080	8	2	0	080	406.11
856-100	10	2	0	081	474.66
856-120	12	2	0	081	511.80
856-140FP	14	1	0	083	4238.66
856-160FP	16	1	0	083	5142.63
856-180FP	18	1	0	083	6743.65

** 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	1757.33
854-140FS	14	1	0	083	2147.91
854-160FS	16	1	0	083	2661.46
854-180FS	18	1	0	083	3370.67
854-200FS	20	1	0	083	3980.38
854-240FS	24	1	0	083	5517.61

Flange Van Stone Style with Steel Ring

Spigot

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

856-140FS	14	1	0	083	2020.73
856-160FS	16	1	0	083	2475.45
856-180FS	18	1	0	083	3293.87
856-200FS	20	1	0	083	3869.87
856-240FS	24	1	0	083	5429.41

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	82.86
S854-030	3	10	0	080	141.49
S854-040	4	5	0	080	178.95

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	281.48
S854-080	8	2	0	080	458.29
S854-100	10	2	0	081	593.33
S854-120	12	2	0	081	639.68

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	984.24
M851-120	12	2	0	081	1459.20

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	66.31
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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	225.15
M854-080	8	2	0	080	406.11

* 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	66.80
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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	227.02
M856-080	8	2	0	080	406.11

* 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.

Schedule 80 PVC Product
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	47.58
855-007	3/4	25	0	080	55.83
855-010	1	15	0	080	61.05
855-012	1-1/4	15	0	080	84.14
855-015	1-1/2	20	0	080	91.94
855-020	2	10	0	080	94.03
855-025	2-1/2	10	0	080	216.21

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	222.41
855-040	4	5	0	080	404.35
855-060	6	2	0	080	635.91
855-060F	6	1	4	083	565.24
855-080	8	2	0	080	788.02
855-080F	8	1	2	083	701.28
855-100F	10	1	2	083	790.08
855-120F	12	1	0	083	1095.83

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	113.17
854-040DE	4"/110 nom.	5	0	080	143.07

* 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	113.17
854-040DIN	4"/110 nom.	5	0	080	143.07

* 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	120.94
854P-007-1S	3/4	10	0	080	128.38
854P-010-1S	1	15	0	080	143.60
854P-012-1S	1-1/4	15	0	080	146.40
854P-015-1S	1-1/2	10	0	080	150.01
854P-020-1S	2	10	0	080	199.04
854P-025-1S	2-1/2	10	0	080	230.24
854P-030-1S	3	10	0	080	255.28
854P-040-1S	4	10	0	080	273.69
854P-050-1S	5	5	0	080	370.62
854P-060-1S	6	5	0	080	438.57
854P-080-1S	8	4	0	080	501.06
854P-100-1S	10	4	0	081	632.56
854P-120-1S	12	2	0	081	784.03
854P-140-1S	14	4	0	082	1073.87
854P-160-1S	16	2	0	082	1334.06
854P-180-1S	18	1	0	082	1448.86
854P-200-1S	20	1	0	083	7690.14
854P-240-1S	24	1	0	083	9422.36

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	255.28
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