



Schedule 80 PVC Product Tank Adapters & Pipe Flanges

Tank Adapters

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Tank Adapter Wrench Sets (New Style) (continued) Body Wrench & Nut Wrench

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

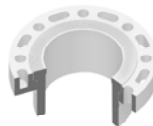
Pipe Flanges

Flange Van Stone Style -PIP

Flange x PIP Socket

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

354-060F	6X6.140	1	4	320	140.71
354-080F	8X8.160	1	2	320	213.07
354-100F	10X10.200	1	2	320	299.59
354-120F	12X12.240	1	2	320	433.91
354-150F	14X15.300	1	0	320	1156.59
354-151F	16X15.300	1	0	320	1319.43
354-181F	18X18.701	1	0	320	2004.43
354-182F	18X18.360	1	0	320	2004.43



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

Flange x PIP Socket

354-201F	20X22.047	1	0	320	3053.17
354-241F	24X24.803	1	0	320	4471.28

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	20.06
851-007	3/4	25	0	080	21.44
851-010	1	15	0	080	23.87
851-012	1-1/4	15	0	080	24.60
851-015	1-1/2	20	0	080	25.13
851-020	2	10	0	080	33.45
851-025	2-1/2	10	0	080	51.63
851-030	3	10	0	080	57.02
851-040	4	5	0	080	72.20
851-050	5	5	0	080	113.52
851-060	6	5	0	080	113.52
851-080	8	2	0	080	203.14
851-100	10	2	0	081	278.81
851-100F	10	1	2	083	552.00
851-120	12	2	0	081	365.76
851-120F	12	1	0	083	670.32
851-140F	14	1	0	083	1232.85
851-160F	16	1	0	083	1691.96
851-180F	18	1	0	083	3579.17
851-200F	20	1	0	083	4382.95
851-240F	24	1	0	083	5821.07

Flange One Piece

Fipt



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

852-005	1/2	25	0	080	24.01
852-007	3/4	25	0	080	28.14
852-010	1	15	0	080	30.80
852-012	1-1/4	15	0	080	42.47
852-015	1-1/2	20	0	080	46.35
852-020	2	10	0	080	47.40
852-025	2-1/2	10	0	080	108.99
852-030	3	10	0	080	112.18
852-040	4	5	0	080	210.77
852-060F	6	1	8	083	253.21

Pipe Flanges



Pipe Flanges

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Flange One Piece (continued)

Fipt

852-080F	8	1	2	083	635.48
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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	13.20
852-007SR	3/4	25	0	086	15.51
852-010SR	1	15	0	086	16.94
852-012SR	1-1/4	15	0	086	23.35
852-015SR	1-1/2	15	0	086	25.55
852-020SR	2	10	0	086	26.17
852-025SR	2-1/2	10	0	086	59.94
852-030SR	3	10	0	086	61.71
852-040SR	4	5	0	086	116.00

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	0	080	28.13
853-007	3/4	25	0	080	33.49
853-010	1	15	0	080	45.75
853-012	1-1/4	20	0	080	56.16
853-015	1-1/2	15	0	080	56.16
853-020	2	10	0	080	83.92
853-025	2-1/2	10	0	080	136.71
853-030	3	10	0	080	164.98
853-040	4	8	0	080	205.52
853-050F	5	1	5	083	515.18
853-060	6	5	0	080	249.75
853-080	8	5	0	080	312.61
853-100	10	3	0	081	522.74
853-120	12	2	0	081	814.13
853-140F	14	1	0	083	1548.80
853-160F	16	1	0	083	1836.58
853-180F	18	1	0	083	2065.47
853-200F	20	1	0	083	3338.52
853-240F	24	1	0	083	4450.94

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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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	20.03
854-007	3/4	25	0	080	21.43
854-010	1	15	0	080	23.86
854-012	1-1/4	15	0	080	24.58
854-015	1-1/2	20	0	080	25.07
854-020	2	10	0	080	33.40
854-025	2-1/2	10	0	080	51.58
854P-030	3	10	0	080	57.00
854P-040	4	5	0	080	72.09
854P-050	5	5	0	080	113.42
854P-060	6	5	0	080	113.42
854P-080	8	2	0	080	204.56
854P-100	10	2	0	081	239.11
854P-120	12	2	0	081	257.80
854P-140	14	1	0	082	995.24
854P-160	16	1	0	082	1331.19
854P-180	18	1	0	082	2147.02
854-180FP	18	1	0	083	3396.97
854-200FP	20	1	0	083	4154.99
854-240FP	24	1	0	083	5652.16

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	57.00
854-040	4	5	0	080	72.09
854-050	5	5	0	080	113.42
854-060	6	5	0	080	113.42
854-080	8	2	0	080	204.56
854-100	10	2	0	081	239.11
854-120	12	2	0	081	257.80
854-140	14	1	0	082	995.24
854-160	16	1	0	082	1331.19
854-180	18	1	0	082	2147.02

18" flange has 4-section ring



Pipe Flanges

Pipe Flanges

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

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	164.69
854-007CL300	3/4	1	25	083	191.37
854-010CL300	1	1	15	083	300.68
854-012CL300	1-1/4	1	15	083	307.02
854-015CL300	1-1/2	1	20	083	318.93
854-020CL300	2	10	0	083	335.79
854-025CL300	2-1/2	1	10	083	368.71
854-030CL300	3	1	10	083	404.93
854-040CL300	4	1	3	083	686.61
854-060CL300	6	1	4	083	1307.75
854-080CL300	8	1	3	083	1488.57
854-100CL300	10	1	2	083	1752.46
854-120CL300	12	1	0	083	2245.26
854-140CL300	14	1	0	083	2475.61
854-160CL300	16	1	0	083	2578.08
854-180CL300	18	1	0	083	3604.56
854-200CL300	20	1	0	083	6249.55
854-240CL300	24	1	0	083	9180.04



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	20.15
856-007	3/4	25	0	080	21.59
856-010	1	15	0	080	24.06
856-012	1-1/4	15	0	080	24.82
856-015	1-1/2	15	0	080	25.32
856-020	2	10	0	080	33.65
856-025	2-1/2	10	0	080	52.01
856P-030	3	10	0	080	57.45
856P-040	4	5	0	080	72.69
856P-060	6	4	0	080	114.35
856P-080	8	2	0	080	204.56
856P-100	10	2	0	081	239.11
856P-120	12	2	0	081	257.80
856-200FP	20	1	0	083	4154.99
856-240FP	24	1	0	083	5652.16



Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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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	57.45
856-040	4	5	0	080	72.69
856-060	6	4	0	080	114.35
856-080	8	2	0	080	204.56
856-100	10	2	0	081	239.11
856-120	12	2	0	081	257.80
856-140FP	14	1	0	083	2135.13
856-160FP	16	1	0	083	2590.49
856-180FP	18	1	0	083	3396.97

** Fabricated from molded socket flanges with pipe spigot. 18" flange uses 4-piece ring



Flange Van Stone Style with Steel Ring

Socket

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

854-120FS	12	1	0	083	1271.92
854-140FS	14	1	0	083	1358.94
854-160FS	16	1	0	083	1646.04
854-180FS	18	1	0	083	2005.42
854-200FS	20	1	0	083	2430.13
854-240FS	24	1	0	083	3270.57



Flange Van Stone Style with Steel Ring

Spigot

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

856-140FS	14	1	0	083	1080.58
856-160FS	16	1	0	083	1320.79
856-180FS	18	1	0	083	1496.59
856-200FS	20	1	0	083	1802.62
856-240FS	24	1	0	083	2447.77



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	41.75
S854-030	3	10	0	080	71.27
S854-040	4	5	0	080	90.15



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 PVC with Glass Filled PVC Solid Ring

Socket

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

S854-060	6	5	0	080	141.80
S854-080	8	2	0	080	230.86
S854-100	10	2	0	081	298.87
S854-120	12	2	0	081	322.22



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	210.25
M851-120	12	2	0	081	362.11

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	33.40
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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	113.42
M854-080	8	2	0	080	184.68

* 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.



Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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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	33.65
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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	114.35
M856-080	8	2	0	080	186.08

* 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.



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	23.97
855-007	3/4	25	0	080	28.13
855-010	1	15	0	080	30.76
855-012	1-1/4	15	0	080	42.39
855-015	1-1/2	20	0	080	46.31
855-020	2	10	0	080	47.38
855-025	2-1/2	10	0	080	108.91



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	112.03
855-040	4	5	0	080	203.69
855-060	6	1	4	080	320.33
855-060F	6	1	4	083	284.73
855-080	8	2	0	080	396.94
855-080F	8	1	2	083	353.26
855-100F	10	1	2	083	397.99





Schedule 80 PVC Product
Pipe Flanges & Van Stone Style Flange Replacement Split Rings & Flange Insulating Joints

Pipe Flanges

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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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	57.00
854-040DE	4"/110 nom.	5	0	080	72.09

* 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	57.00
854-040DIN	4"/110 nom.	5	0	080	72.09

* 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, PVC

For Spears® flanges with regular PVC Rings

854P-005-1S	1/2	10	0	080	60.92
854P-007-1S	3/4	10	0	080	64.67
854P-010-1S	1	15	0	080	72.33
854P-012-1S	1-1/4	15	0	080	73.74
854P-015-1S	1-1/2	10	0	080	75.55



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

For Spears® flanges with regular PVC Rings

854P-020-1S	2	10	0	080	100.26
854P-025-1S	2-1/2	10	0	080	115.99
854P-030-1S	3	10	0	080	128.60
854P-040-1S	4	1	10	080	137.86
854P-050-1S	5	5	0	080	186.69
854P-060-1S	6	5	0	080	220.92
854P-080-1S	8	4	0	080	252.41
854P-100-1S	10	4	0	081	318.64
854P-120-1S	12	2	0	081	394.94
854P-140-1S	14	2	0	082	540.94
854P-160-1S	16	4	0	082	672.00
854P-180-1S	18	1	0	082	729.85
854P-200-1S	20	1	0	083	3873.75
854P-240-1S	24	1	0	083	4746.32

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	128.60
854-040-1S	4	10	0	080	137.86
854-050-1S	5	5	0	080	186.69
854-060-1S	6	5	0	080	220.92
854-080-1S	8	4	0	080	252.41
854-100-1S	10	4	0	081	318.64
854-120-1S	12	2	0	081	394.94
854-140-1S	14	2	0	081	540.94
854-160-1S	16	1	0	082	672.00
854-180-1S	18	1	0	082	729.85

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

Flange Insulating Joints

Flange Insulating Joints - Class 150 Bolt Pattern

PP Flange Spacer with PVC Bolt Isolators

Size = Nominal Flange Diameter x Thickness (in.)

For Dielectric Insulation Between Dissimilar Metal Flanges
 300 psi Maximum Internal Pressure Rating @ 73°F (23°C)

IJ-030-010P	3X1	1	0	016	510.46
IJ-040-010P	4X1	1	0	016	570.35
IJ-060-010P	6X1	1	0	016	677.92
IJ-080-010P	8X1	1	0	016	786.77
IJ-100-010P	10X1	1	0	016	1599.12
IJ-120-010P	12X1	1	0	016	1732.00
IJ-140-010P	14X1	1	0	016	2244.27
IJ-160-010P	16X1	1	0	016	2851.83
IJ-180-010P	18X1	1	0	016	3817.43
IJ-200-010P	20X1	1	0	016	4928.24

