



Schedule 40 Fittings Product

Pipe Flanges

Pipe Flanges

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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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	213.89
354-060F	6X6.140	1	4	320	265.40
354-080	8X8.160	2	0	080	255.30
354-080F	8X8.160	1	2	320	401.84
354-100	10X10.200	2	0	081	533.52
354-100F	10X10.200	1	2	320	565.01
354-120	12X12.240	2	0	081	655.50
354-120F	12X12.240	1	2	320	818.33
354-150F	14X15.300	1	0	320	2181.27
354-151F	16X15.300	1	0	320	2488.37
354-181F	18X18.701	1	0	320	3780.23
354-182F	18X18.360	1	0	320	3780.23
354-201F	20X22.047	1	0	320	5758.08
354-200F	20X20.400	1	0	320	5758.08
354-241F	24X24.803	1	0	320	8432.54

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	63.07
851-007	3/4	25	0	080	67.39
851-010	1	15	0	080	75.02
851-012	1-1/4	15	0	080	77.29
851-015	1-1/2	20	0	080	78.99
851-020	2	10	0	080	105.13
851-025	2-1/2	10	0	080	162.28
851-030	3	10	0	080	179.22
851-040	4	5	0	080	226.96
851-050	5	5	0	080	356.81
851-060	6	5	0	080	356.81
851-080	8	2	0	080	638.50
851-140F	14	1	0	083	3875.16
851-160F	16	1	0	083	5318.20
851-180F	18	1	0	083	11250.14
851-200F	20	1	0	083	13776.57
851-240F	24	1	0	083	18296.91

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

Fipt

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

852-005	1/2	25	0	080	75.48
852-007	3/4	25	0	080	88.46
852-010	1	15	0	080	96.82
852-012	1-1/4	15	0	080	133.52
852-015	1-1/2	20	0	080	145.69
852-020	2	10	0	080	148.97
852-025	2-1/2	10	0	080	342.59
852-030	3	10	0	080	352.58
852-040	4	5	0	080	622.77
852-060F	6	1	8	083	795.92
852-080F	8	1	2	083	1997.47

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	41.47
852-007SR	3/4	25	0	086	48.76
852-010SR	1	15	0	086	53.23
852-012SR	1-1/4	15	0	086	73.38
852-015SR	1-1/2	15	0	086	80.31
852-020SR	2	10	0	086	82.27
852-025SR	2-1/2	10	0	086	188.40
852-030SR	3	10	0	086	193.99
852-040SR	4	5	0	086	363.82

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	53.04
853-007	3/4	25	0	080	63.17
853-010	1	15	0	080	86.28
853-012	1-1/4	20	0	080	105.92
853-015	1-1/2	15	0	080	105.92
853-020	2	10	0	080	158.27
853-025	2-1/2	10	0	080	257.82
853-030	3	10	0	080	311.14
853-040	4	8	0	080	387.62
853-050F	5	1	5	083	971.59
853-060	6	5	0	080	470.99
853-080	8	5	0	080	589.56
853-100	10	3	0	081	985.84
853-120	12	2	0	081	1535.40



Pipe Flanges

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Flange - Blind (continued)

853-140F	14	1	0	083	2920.96
853-160F	16	1	0	083	3463.66
853-180F	18	1	0	083	3895.33
853-200F	20	1	0	083	6296.22
853-240F	24	1	0	083	8394.19



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	37.78
854-007	3/4	25	0	080	40.42
854-010	1	15	0	080	44.99
854-012	1-1/4	15	0	080	46.33
854-015	1-1/2	20	0	080	47.28
854-020	2	10	0	080	62.99
854-025	2-1/2	10	0	080	97.29
854P-030	3	10	0	080	107.51
854P-040	4	5	0	080	135.92
854P-050	5	5	0	080	213.89
854P-060	6	5	0	080	213.89
854P-080	8	2	0	080	385.80
854P-100	10	2	0	081	450.93
854P-120	12	2	0	081	486.21
854P-140	14	1	0	082	1876.97
854P-160	16	1	0	082	2510.53
854P-180	18	1	0	082	4049.14
854-180FP	18	1	0	083	6406.47
854-200FP	20	1	0	083	7836.01
854-240FP	24	1	0	083	10659.60

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	107.51
854-040	4	5	0	080	135.92
854-050	5	5	0	080	213.89
854-060	6	5	0	080	213.89
854-080	8	2	0	080	385.80
854-100	10	2	0	081	450.93
854-120	12	2	0	081	486.21
854-140	14	1	0	082	1876.97
854-160	16	1	0	082	2510.53
854-180	18	1	0	082	4049.14



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

Socket

18" flange has 4-section ring



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	78.72
S854-030	3	10	0	080	134.42
S854-040	4	5	0	080	170.00

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	267.41
S854-080	8	2	0	080	435.38
S854-100	10	2	0	081	563.66
S854-120	12	2	0	081	607.70



Flange Van Stone Style with Steel Ring

Socket

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

854-180FS	18	1	0	083	3202.14
854-200FS	20	1	0	083	3781.36
854-240FS	24	1	0	083	5241.73



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	310.59
854-007CL300	3/4	1	25	083	360.92
854-010CL300	1	15	90	083	567.09
854-012CL300	1-1/4	1	15	083	579.02
854-015CL300	1-1/2	1	20	083	601.49
854-020CL300	2	10	0	083	633.28
854-025CL300	2-1/2	1	10	083	695.37
854-030CL300	3	1	10	083	763.67
854-040CL300	4	3	0	083	1294.89
854-060CL300	6	1	4	083	2466.33
854-080CL300	8	1	3	083	2807.36
854-100CL300	10	1	2	083	3305.01
854-120CL300	12	1	0	083	4234.42
854-140CL300	14	1	0	083	4668.83
854-160CL300	16	1	0	083	4862.10
854-180CL300	18	1	0	083	6797.96





Schedule 40 Fittings Product

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 (continued)

Socket

854-200CL300	20	1	0	083	11786.24
854-240CL300	24	1	0	083	17312.96

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	45.20
855-007	3/4	25	0	080	53.04
855-010	1	15	0	080	58.00
855-012	1-1/4	15	0	080	79.93
855-015	1-1/2	20	0	080	87.34
855-020	2	10	0	080	89.33
855-025	2-1/2	10	0	080	205.40

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	211.29
855-040	4	5	0	080	384.13
855-060	6	2	0	080	604.11
855-060F	6	1	4	083	536.98
855-080	8	2	0	080	748.62
855-080F	8	1	2	083	666.22
855-100F	10	1	2	083	750.58
855-120F	12	1	0	083	1041.04

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	38.02
856-007	3/4	25	0	080	40.73
856-010	1	15	0	080	45.38
856-012	1-1/4	15	0	080	46.82
856-015	1-1/2	15	0	080	47.74
856-020	2	10	0	080	63.46
856-025	2-1/2	10	0	080	98.08
856P-030	3	10	0	080	108.34
856P-040	4	5	0	080	137.10
856P-060	6	4	0	080	215.67
856P-080	8	2	0	080	385.80
856P-100	10	2	0	081	450.93

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

Spigot

856P-120	12	2	0	081	486.21
856-200FP	20	1	0	083	7836.01
856-240FP	24	1	0	083	10659.60

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	108.34
856-040	4	5	0	080	137.10
856-060	6	4	0	080	215.67
856-080	8	2	0	080	385.80
856-100	10	2	0	081	450.93
856-120	12	2	0	081	486.21
856-140FP	14	1	0	083	4026.73
856-160FP	16	1	0	083	4885.50
856-180FP	18	1	0	083	6406.47

** Fabricated from molded socket flanges with pipe spigot.

18" flange uses 4-piece ring

Flange Van Stone Style with Steel Ring

Spigot

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

856-140FS	14	1	0	083	1919.69
856-160FS	16	1	0	083	2351.68
856-180FS	18	1	0	083	3129.18
856-200FS	20	1	0	083	3676.38
856-240FS	24	1	0	083	5157.94

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	935.03
M851-120	12	2	0	081	1386.24

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	62.99
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Schedule 40 Fittings 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 Multi-Bolt Pattern PVC Ring*

(continued)

ASTM Socket x Multi-bolt Pattern Ring

* 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	213.89
M854-080	8	2	0	080	385.80

* 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	63.46
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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	215.67
M856-080	8	2	0	080	385.80

* 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.

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Flange Van Stone Style with Multi-Bolt Pattern Glass Filled PVC Ring* (continued)

ASTM Spigot x Multi-bolt Pattern Ring

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.



Van Stone Style Flange Replacement Split Rings

Flange Replacement Split Rings, PVC

For Spears® flanges with regular PVC Rings



854P-005-1S	1/2	10	0	080	114.89
854P-007-1S	3/4	10	0	080	121.96
854P-010-1S	1	15	0	080	136.42
854P-012-1S	1-1/4	15	0	080	139.08
854P-015-1S	1-1/2	10	0	080	142.51
854P-020-1S	2	10	0	080	189.09
854P-025-1S	2-1/2	10	0	080	218.73
854P-030-1S	3	10	0	080	242.52
854P-040-1S	4	10	0	080	260.01
854P-050-1S	5	5	0	080	352.09
854P-060-1S	6	5	0	080	416.64
854P-080-1S	8	4	0	080	476.01
854P-100-1S	10	4	0	081	600.93
854P-120-1S	12	2	0	081	744.83
854P-140-1S	14	4	0	082	1020.18
854P-160-1S	16	1	0	082	1267.36
854P-180-1S	18	1	0	082	1376.42
854P-200-1S	20	1	0	083	7305.63
854P-240-1S	24	1	0	083	8951.24

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	242.52
854-040-1S	4	10	0	080	260.01