

Schedule 40 Fittings Product
Pipe Flanges

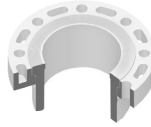


Pipe Flanges

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)

354-060F	6X6.140	1	4	320	133.67
354-080F	8X8.160	1	2	320	202.42
354-100F	10X10.200	1	2	320	284.61
354-120F	12X12.240	1	2	320	412.21
354-150F	14X15.300	1	0	320	1098.76
354-151F	16X15.300	1	0	320	1253.46
354-181F	18X18.701	1	0	320	1904.21
354-182F	18X18.360	1	0	320	1904.21
354-201F	20X22.047	1	0	320	2900.51
354-241F	24X24.803	1	0	320	4247.72

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	19.06
851-007	3/4	25	0	080	20.37
851-010	1	15	0	080	22.68
851-012	1-1/4	15	0	080	23.37
851-015	1-1/2	20	0	080	23.87
851-020	2	10	0	080	31.78
851-025	2-1/2	10	0	080	49.05
851-030	3	10	0	080	54.17
851-040	4	5	0	080	68.59
851-050	5	5	0	080	107.84
851-060	6	5	0	080	107.84
851-080	8	2	0	080	192.98
851-100F	10	1	2	083	524.40
851-120F	12	1	0	083	636.80
851-140F	14	1	0	083	1171.21
851-160F	16	1	0	083	1607.36
851-180F	18	1	0	083	3400.21
851-200F	20	1	0	083	4163.80
851-240F	24	1	0	083	5530.02

Made in the U.S.A.

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	22.81
852-007	3/4	25	0	080	26.73
852-010	1	15	0	080	29.26
852-012	1-1/4	15	0	080	40.35
852-015	1-1/2	20	0	080	44.03
852-020	2	10	0	080	45.03
852-025	2-1/2	10	0	080	103.54
852-030	3	10	0	080	106.57
852-040	4	5	0	080	200.23
852-060F	6	1	8	083	240.55
852-080F	8	1	2	083	603.71

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	12.54
852-007SR	3/4	25	0	086	14.73
852-010SR	1	15	0	086	16.09
852-012SR	1-1/4	15	0	086	22.18
852-015SR	1-1/2	15	0	086	24.27
852-020SR	2	10	0	086	24.86
852-025SR	2-1/2	10	0	086	56.94
852-030SR	3	10	0	086	58.62
852-040SR	4	5	0	086	110.20

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	26.72
853-007	3/4	25	0	080	31.82
853-010	1	15	0	080	43.46
853-012	1-1/4	20	0	080	53.35
853-015	1-1/2	15	0	080	53.35
853-020	2	10	0	080	79.72
853-025	2-1/2	10	0	080	129.87
853-030	3	10	0	080	156.73
853-040	4	8	0	080	195.24
853-050F	5	1	5	083	489.42
853-060	6	5	0	080	237.26
853-080	8	5	0	080	296.98
853-100	10	3	0	081	496.60
853-120	12	2	0	081	773.42





Pipe Flanges

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	1471.36
853-160F	16	1	0	083	1744.75
853-180F	18	1	0	083	1962.20
853-200F	20	1	0	083	3171.59
853-240F	24	1	0	083	4228.39



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	19.03
854-007	3/4	25	0	080	20.36
854-010	1	15	0	080	22.67
854-012	1-1/4	15	0	080	23.35
854-015	1-1/2	20	0	080	23.82
854-020	2	10	0	080	31.73
854-025	2-1/2	10	0	080	49.00
854P-030	3	10	0	080	54.15
854P-040	4	5	0	080	68.49
854P-050	5	5	0	080	107.75
854P-060	6	5	0	080	107.75
854P-080	8	2	0	080	194.33
854P-100	10	2	0	081	227.15
854P-120	12	2	0	081	244.91
854P-140	14	1	0	082	945.48
854P-160	16	1	0	082	1264.63
854P-180	18	1	0	082	2039.67
854-180FP	18	1	0	083	3227.12
854-200FP	20	1	0	083	3947.24
854-240FP	24	1	0	083	5369.55

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	54.15
854-040	4	5	0	080	68.49
854-050	5	5	0	080	107.75
854-060	6	5	0	080	107.75
854-080	8	2	0	080	194.33
854-100	10	2	0	081	227.15
854-120	12	2	0	081	244.91
854-140	14	1	0	082	945.48
854-160	16	1	0	082	1264.63
854-180	18	1	0	082	2039.67



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	39.66
S854-030	3	10	0	080	67.71
S854-040	4	5	0	080	85.64

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	134.71
S854-080	8	2	0	080	219.32
S854-100	10	2	0	081	283.93
S854-120	12	2	0	081	306.11



Flange Van Stone Style with Steel Ring

Socket

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

854-180FS	18	1	0	083	1905.15
854-200FS	20	1	0	083	2308.62
854-240FS	24	1	0	083	3107.04



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	156.46
854-007CL300	3/4	1	25	083	181.80
854-010CL300	1	1	15	083	285.65
854-012CL300	1-1/4	1	15	083	291.67
854-015CL300	1-1/2	1	20	083	302.98
854-020CL300	2	10	0	083	319.00
854-025CL300	2-1/2	1	10	083	350.27
854-030CL300	3	1	10	083	384.68
854-040CL300	4	1	3	083	652.28
854-060CL300	6	1	4	083	1242.36
854-080CL300	8	1	3	083	1414.14
854-100CL300	10	1	2	083	1664.84
854-120CL300	12	1	0	083	2133.00
854-140CL300	14	1	0	083	2351.83
854-160CL300	16	1	0	083	2449.18
854-180CL300	18	1	0	083	3424.33



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	5937.07
854-240CL300	24	1	0	083	8721.04



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	22.77
855-007	3/4	25	0	080	26.72
855-010	1	15	0	080	29.22
855-012	1-1/4	15	0	080	40.27
855-015	1-1/2	20	0	080	43.99
855-020	2	10	0	080	45.01
855-025	2-1/2	10	0	080	103.46



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	106.43
855-040	4	5	0	080	193.51
855-060	6	1	4	080	304.31
855-060F	6	1	4	083	270.49
855-080	8	2	0	080	377.09
855-080F	8	1	2	083	335.60
855-100F	10	1	2	083	378.09



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	19.14
856-007	3/4	25	0	080	20.51
856-010	1	15	0	080	22.86
856-012	1-1/4	15	0	080	23.58
856-015	1-1/2	15	0	080	24.05
856-020	2	10	0	080	31.97
856-025	2-1/2	10	0	080	49.41
856P-030	3	10	0	080	54.58
856P-040	4	5	0	080	69.06
856P-060	6	4	0	080	108.63
856P-080	8	2	0	080	194.33
856P-100	10	2	0	081	227.15
856P-120	12	2	0	081	244.91



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

Spigot

856-200FP	20	1	0	083	3947.24
856-240FP	24	1	0	083	5369.55



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	54.58
856-040	4	5	0	080	69.06
856-060	6	4	0	080	108.63
856-080	8	2	0	080	194.33
856-100	10	2	0	081	227.15
856-120	12	2	0	081	244.91
856-140FP	14	1	0	083	2028.37
856-160FP	16	1	0	083	2460.97
856-180FP	18	1	0	083	3227.12

** 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	1026.55
856-160FS	16	1	0	083	1254.75
856-180FS	18	1	0	083	1421.76
856-200FS	20	1	0	083	1712.49
856-240FS	24	1	0	083	2325.38



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	199.74
M851-120	12	2	0	081	344.00

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	31.73
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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	107.75
M854-080	8	2	0	080	175.45

* 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	31.97
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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	108.63
M856-080	8	2	0	080	176.78

* 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	57.87
854P-007-1S	3/4	10	0	080	61.44
854P-010-1S	1	15	0	080	68.71
854P-012-1S	1-1/4	15	0	080	70.05
854P-015-1S	1-1/2	10	0	080	71.77
854P-020-1S	2	10	0	080	95.25
854P-025-1S	2-1/2	10	0	080	110.19
854P-030-1S	3	10	0	080	122.17
854P-040-1S	4	1	10	080	130.97
854P-050-1S	5	10	0	080	177.36
854P-060-1S	6	5	0	080	209.87
854P-080-1S	8	4	0	080	239.79
854P-100-1S	10	4	0	081	302.71
854P-120-1S	12	2	0	081	375.19
854P-140-1S	14	2	0	082	513.89
854P-160-1S	16	4	0	082	638.40
854P-180-1S	18	1	0	082	693.36
854P-200-1S	20	1	0	083	3680.06
854P-240-1S	24	1	0	083	4509.00

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	122.17
854-040-1S	4	10	0	080	130.97