



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 Class 300 Bolt Pattern Fabricated with Plastic Ring (continued)

Socket

854-030CL300C	3	1	10	097	621.52
854-040CL300C	4	1	5	097	980.17
854-060CL300C	6	1	4	097	1850.89
854-080CL300C	8	1	3	097	2129.80
854-100CL300C	10	1	2	097	2408.04
854-120CL300C	12	1	0	097	3008.38
854-140CL300C	14	1	0	097	3341.22
854-160CL300C	16	1	0	097	3515.64

Flange Van Stone Style with Plastic Ring

Flt

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

855-005C	1/2	25	0	090	44.12
855-007C	3/4	25	0	090	53.46
855-010C	1	15	0	090	58.37
855-012C	1-1/4	15	0	090	80.35
855-015C	1-1/2	20	0	090	85.78
855-020C	2	10	0	090	87.39
855-025C	2-1/2	10	0	090	140.69
855-030C	3	10	0	090	140.69
855-040C	4	5	0	090	218.74
855-060C ¹	6	1	0	090	370.29
855-060CF	6	1	2	097	329.17
855-080C ¹	8	1	2	090	569.14
855-080CF	8	1	2	097	505.89
855-100CF	10	1	0	097	858.51
855-120CF	12	1	0	097	1086.82

¹ Flange assembled with molded Female Adapter

Flange Van Stone Style with Steel Ring

Socket

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

854-120CFS	12	1	0	097	1407.40
854-140CFS	14	1	0	098	1876.06
854-160CFS	16	1	0	097	3037.86
854-180CFS	18	1	0	097	3970.11
854-200CFS	20	1	0	097	4830.18
854-240CFS	24	1	0	097	7640.54

Flange One Piece Multi-Bolt Pattern*

ASTM Socket x Multi-bolt Pattern Ring

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

M851-100C	10	2	0	091	605.04
M851-120C	12	2	0	091	932.49

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Flange One Piece 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, B.S. 10 Table E for size 10". Consult Spears® Manufacturing Company Technical Services for additional information. Not for use with wafer valves.

Flange Van Stone Style with Plastic Ring ASTM

Socket x Multi-bolt Pattern Ring

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

M854-020C	2	10	0	090	56.72
M854-060C	6	4	0	090	288.68
M854-080C	8	2	0	090	868.61

Flange Van Stone Style with PN 10/16 Drilling CPVC Ring

ASTM Socket x DIN PN 10/16 Drilling

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

854-030CDIN	3	10	0	090	125.45
854-040CDIN	4	5	0	090	169.41

* 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, CPVC

For Spears® Flanges with CPVC Rings

854-005-1SC	1/2	25	0	090	91.61
854-007-1SC	3/4	25	0	090	97.25

Van Stone Style Flange Replacement Split Rings & Flange Insulating Joints



Van Stone Style Flange Replacement Split Rings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
854-010-1SC	1	10	0	090	108.77
854-012-1SC	1-1/4	15	0	090	110.87
854-015-1SC	1-1/2	20	0	090	113.61
854-020-1SC	2	1	40	090	150.77
854-025-1SC	2-1/2	10	0	090	174.41
854-030-1SC	3	10	0	090	193.38
854-040-1SC	4	10	0	090	204.79
854-050-1SC	5	10	0	090	280.77
854-060-1SC	6	5	0	090	332.22
854-080-1SC	8	4	0	090	379.57
854-100-1SC	10	4	0	091	479.15
854-120-1SC	12	2	0	091	593.87
854-140-1SC	14	2	0	091	813.44
854-160-1SC	16	1	0	095	1010.52
854-180-1SC	18	1	0	095	1097.54
854-200-1SC	20	1	0	097	6996.93
854-240-1SC	24	1	0	097	7137.32

Fits 854-xxxC Socket, 855-xxxC Threaded, and 856-xxxC 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)

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
IJ-030-010P	3X1	1	0	016	537.33
IJ-040-010P	4X1	1	0	016	600.37
IJ-060-010P	6X1	1	0	016	713.60
IJ-080-010P	8X1	1	0	016	828.18
IJ-100-010P	10X1	1	0	016	1683.28
IJ-120-010P	12X1	1	0	016	1823.16
IJ-140-010P	14X1	1	0	016	2362.39
IJ-160-010P	16X1	1	0	016	3001.93
IJ-180-010P	18X1	1	0	016	4018.35
IJ-200-010P	20X1	1	0	016	5187.62
IJ-240-010P	24X1	1	0	016	7204.65



Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Flange Insulating Joints - Class 300 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)

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
IJ300-030-010P	3X1	1	0	016	791.57
IJ300-040-010P	4X1	1	0	016	880.40
IJ300-060-010P	6X1	1	0	016	1348.51
IJ300-080-010P	8X1	1	0	016	1682.32
IJ300-100-010P	10X1	1	0	016	2790.89
IJ300-120-010P	12X1	1	0	016	3667.54
IJ300-140-010P	14X1	1	0	016	4620.19
IJ300-160-010P	16X1	1	0	016	4926.62
IJ300-180-010P	18X1	1	0	016	6157.11
IJ300-200-010P	20X1	1	0	016	7133.53
IJ300-240-010P	24X1	1	0	016	8758.71

