



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

854-100CL300C	10	1	2	097	2173.26
854-120CL300C	12	1	0	097	2715.06
854-140CL300C	14	1	0	097	3015.45
854-160CL300C	16	1	0	097	3172.87



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	39.81
855-007C	3/4	25	0	090	48.25
855-010C	1	15	0	090	52.68
855-012C	1-1/4	15	0	090	72.51
855-015C	1-1/2	20	0	090	77.42
855-020C	2	10	0	090	78.87
855-025C	2-1/2	10	0	090	126.98
855-030C	3	10	0	090	126.98
855-040C	4	5	0	090	197.41
855-060C ¹	6	1	0	090	334.19
855-060CF	6	1	2	097	297.07
855-080C ¹	8	1	2	090	513.65
855-080CF	8	1	2	097	456.57
855-100CF	10	1	0	097	774.80
855-120CF	12	1	0	097	980.86

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	2801.89
854-140CFS	14	1	0	098	1693.15
854-160CFS	16	1	0	097	2741.67
854-180CFS	18	1	0	097	3583.02
854-200CFS	20	1	0	097	4359.24
854-240CFS	24	1	0	097	6895.58



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	546.05
M851-120C	12	2	0	091	841.58



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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	51.19
M854-060C	6	4	0	090	260.54
M854-080C	8	2	0	090	783.92

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	113.22
854-040CDIN	4	5	0	090	152.89

* 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	82.68
854-007-1SC	3/4	25	0	090	87.77



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
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Flange Replacement Split Rings, CPVC (continued)

For Spears® Flanges with CPVC Rings

854-010-1SC	1	10	0	090	98.16
854-012-1SC	1-1/4	10	0	090	100.06
854-015-1SC	1-1/2	20	0	090	102.53
854-020-1SC	2	40	0	090	136.07
854-025-1SC	2-1/2	10	0	090	157.41
854-030-1SC	3	10	0	090	174.52
854-040-1SC	4	10	0	090	184.82
854-050-1SC	5	10	0	090	253.39
854-060-1SC	6	5	0	090	299.83
854-080-1SC	8	4	0	090	342.56
854-100-1SC	10	4	0	091	432.43
854-120-1SC	12	2	0	091	535.97
854-140-1SC	14	1	0	091	734.13
854-160-1SC	16	1	0	095	911.99
854-180-1SC	18	1	0	095	990.53
854-200-1SC	20	1	0	097	6314.73
854-240-1SC	24	1	0	097	6441.43

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)

IJ-030-010P	3X1	1	0	016	484.94
IJ-040-010P	4X1	1	0	016	541.83
IJ-060-010P	6X1	1	0	016	644.02
IJ-080-010P	8X1	1	0	016	747.43
IJ-100-010P	10X1	1	0	016	1519.16
IJ-120-010P	12X1	1	0	016	1645.40
IJ-140-010P	14X1	1	0	016	2132.06
IJ-160-010P	16X1	1	0	016	2709.24
IJ-180-010P	18X1	1	0	016	3626.56
IJ-200-010P	20X1	1	0	016	4681.83
IJ-240-010P	24X1	1	0	016	6502.20

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)

IJ300-030-010P	3X1	1	0	016	714.39
IJ300-040-010P	4X1	1	0	016	794.56
IJ300-060-010P	6X1	1	0	016	1217.03
IJ300-080-010P	8X1	1	0	016	1518.29
IJ300-100-010P	10X1	1	0	016	2518.78
IJ300-120-010P	12X1	1	0	016	3309.95
IJ300-140-010P	14X1	1	0	016	4169.72
IJ300-160-010P	16X1	1	0	016	4446.28
IJ300-180-010P	18X1	1	0	016	5556.79
IJ300-200-010P	20X1	1	0	016	6438.01
IJ300-240-010P	24X1	1	0	016	7904.73