

Pipe Flanges & Van Stone Style Flange Replacement Split Rings



Pipe Flanges

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------|------|--------|----------|-----------|------|
|-------------|------|--------|----------|-----------|------|

Flange Van Stone Style Class 300 Bolt Pattern Fabricated with Plastic Ring (continued)

Socket

| | | | | | |
|---------------|----|---|---|-----|---------|
| 854-100CL300C | 10 | 1 | 2 | 097 | 2287.64 |
| 854-120CL300C | 12 | 1 | 0 | 097 | 2857.96 |
| 854-140CL300C | 14 | 1 | 0 | 097 | 3174.16 |
| 854-160CL300C | 16 | 1 | 0 | 097 | 3339.86 |

Flange Van Stone Style with Plastic Ring

Fipt

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

| | | | | | |
|-----------------------|-------|----|---|-----|---------|
| 855-005C | 1/2 | 25 | 0 | 090 | 41.91 |
| 855-007C | 3/4 | 25 | 0 | 090 | 50.79 |
| 855-010C | 1 | 15 | 0 | 090 | 55.45 |
| 855-012C | 1-1/4 | 15 | 0 | 090 | 76.33 |
| 855-015C | 1-1/2 | 20 | 0 | 090 | 81.49 |
| 855-020C | 2 | 10 | 0 | 090 | 83.02 |
| 855-025C | 2-1/2 | 10 | 0 | 090 | 133.66 |
| 855-030C | 3 | 10 | 0 | 090 | 133.66 |
| 855-040C | 4 | 5 | 0 | 090 | 207.80 |
| 855-060C ¹ | 6 | 1 | 0 | 090 | 351.78 |
| 855-060CF | 6 | 1 | 2 | 097 | 312.71 |
| 855-080C ¹ | 8 | 1 | 2 | 090 | 540.68 |
| 855-080CF | 8 | 1 | 2 | 097 | 480.60 |
| 855-100CF | 10 | 1 | 0 | 097 | 815.58 |
| 855-120CF | 12 | 1 | 0 | 097 | 1032.48 |

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 | 2949.36 |
| 854-140CFS | 14 | 1 | 0 | 098 | 1782.26 |
| 854-160CFS | 16 | 1 | 0 | 097 | 2885.97 |
| 854-180CFS | 18 | 1 | 0 | 097 | 3771.60 |
| 854-200CFS | 20 | 1 | 0 | 097 | 4588.67 |
| 854-240CFS | 24 | 1 | 0 | 097 | 7258.51 |

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 | 574.79 |
| M851-120C | 12 | 2 | 0 | 091 | 885.87 |

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------|------|--------|----------|-----------|------|
|-------------|------|--------|----------|-----------|------|

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 | 53.88 |
| M854-060C | 6 | 4 | 0 | 090 | 274.25 |
| M854-080C | 8 | 2 | 0 | 090 | 825.18 |

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 | 119.18 |
| 854-040CDIN | 4 | 5 | 0 | 090 | 160.94 |

* 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 | 87.03 |
| 854-007-1SC | 3/4 | 25 | 0 | 090 | 92.39 |



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 | 103.33 |
| 854-012-1SC | 1-1/4 | 10 | 0 | 090 | 105.33 |
| 854-015-1SC | 1-1/2 | 20 | 0 | 090 | 107.93 |
| 854-020-1SC | 2 | 40 | 0 | 090 | 143.23 |
| 854-025-1SC | 2-1/2 | 10 | 0 | 090 | 165.69 |
| 854-030-1SC | 3 | 10 | 0 | 090 | 183.71 |
| 854-040-1SC | 4 | 10 | 0 | 090 | 194.55 |
| 854-050-1SC | 5 | 10 | 0 | 090 | 266.73 |
| 854-060-1SC | 6 | 5 | 0 | 090 | 315.61 |
| 854-080-1SC | 8 | 4 | 0 | 090 | 360.59 |
| 854-100-1SC | 10 | 4 | 0 | 091 | 455.19 |
| 854-120-1SC | 12 | 2 | 0 | 091 | 564.18 |
| 854-140-1SC | 14 | 1 | 0 | 091 | 772.77 |
| 854-160-1SC | 16 | 1 | 0 | 095 | 959.99 |
| 854-180-1SC | 18 | 1 | 0 | 095 | 1042.66 |
| 854-200-1SC | 20 | 1 | 0 | 097 | 6647.08 |
| 854-240-1SC | 24 | 1 | 0 | 097 | 6780.45 |

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 | 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 |
| IJ-240-010P | 24X1 | 1 | 0 | 016 | 6844.42 |



| Part Number | Size | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------|------|--------|----------|-----------|------|
|-------------|------|--------|----------|-----------|------|

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 | 751.99 |
| IJ300-040-010P | 4X1 | 1 | 0 | 016 | 836.38 |
| IJ300-060-010P | 6X1 | 1 | 0 | 016 | 1281.08 |
| IJ300-080-010P | 8X1 | 1 | 0 | 016 | 1598.20 |
| IJ300-100-010P | 10X1 | 1 | 0 | 016 | 2651.35 |
| IJ300-120-010P | 12X1 | 1 | 0 | 016 | 3484.16 |
| IJ300-140-010P | 14X1 | 1 | 0 | 016 | 4389.18 |
| IJ300-160-010P | 16X1 | 1 | 0 | 016 | 4680.29 |
| IJ300-180-010P | 18X1 | 1 | 0 | 016 | 5849.25 |
| IJ300-200-010P | 20X1 | 1 | 0 | 016 | 6776.85 |
| IJ300-240-010P | 24X1 | 1 | 0 | 016 | 8320.77 |

