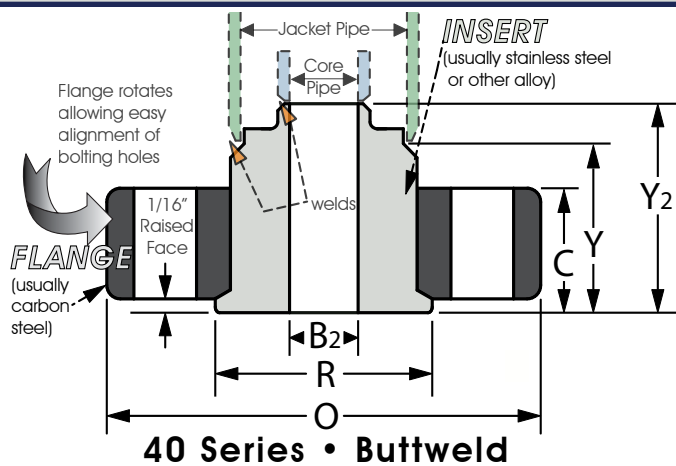
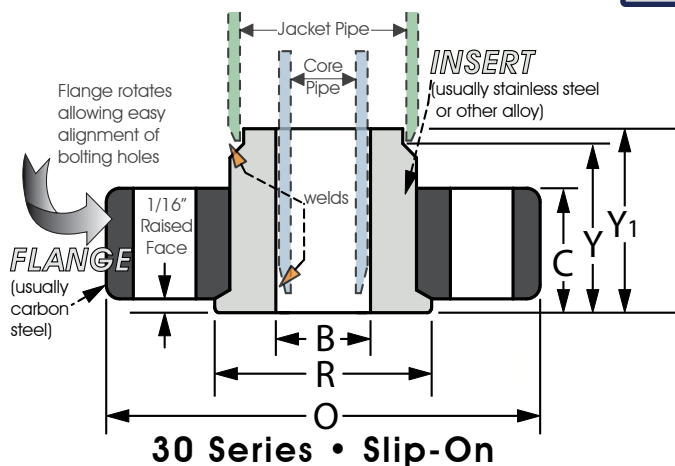




CLASS 150#
 Standard Flange Thickness
 Jacketed Pipe • Line-Size (Non-Reducing)
30 & 40 SERIES (CONVENTIONAL)



| Part Number (*1.) | | Sizes (Nominal) | | | General Dimensions | | | Inside Diameters | | Lengths | | | Flange Drilling | | Weight |
|-------------------|----------|-----------------|-----------|-------------|--------------------|------------------|-------------|------------------|--|-------------|----------------|-----------------|-----------------------|------------------|-------------------|
| Slip-On | Buttweld | Flange Size | Core Pipe | Jacket Pipe | Outside Diameter | Flange Thickness | Raised Face | Slip-On Bore | Buttweld Bore | Face to Hub | Slip-On Length | Buttweld Length | # of Holes - Diameter | Bolt Circle Dia. | Estimated in lbs. |
| | | | | | O | C | R | B | B2 | Y | Y1 | Y2 | | | |
| 30A | 40A | 1/2" | 1/2" | 1" | 3.50 | 0.44 | 1.38 | 0.88 | This dimension is determined by the pipe schedule and its corresponding inside diameter. | 1.44 | 1.69 | 2.06 | 4 - 0.63 | 2.38 | 1.5 |
| 30C | 40C | 3/4" | 3/4" | 1-1/2" | 3.88 | 0.50 | 2.00 | 1.09 | | 1.50 | 1.75 | 2.25 | 4 - 0.63 | 2.75 | 1.5 |
| 30D | 40D | 1" | 1" | 1-1/2" | 4.25 | 0.56 | 2.00 | 1.36 | | 1.56 | 1.81 | 2.31 | 4 - 0.63 | 3.13 | 3.0 |
| 30E | 40E | 1" | 1" | 2" | 4.25 | 0.56 | 2.38 | 1.36 | | 1.56 | 1.81 | 2.31 | 4 - 0.63 | 3.50 | 3.0 |
| 30F | 40F | 1-1/2" | 1-1/2" | 2-1/2" | 5.00 | 0.69 | 3.00 | 1.95 | | 1.69 | 1.94 | 2.44 | 4 - 0.63 | 3.88 | 5.0 |
| 30H | 40H | 2" | 2" | 3" | 6.00 | 0.75 | 3.63 | 2.44 | | 1.88 | 2.13 | 2.63 | 4 - 0.75 | 4.75 | 7.0 |
| 30K | 40K | 3" | 3" | 4" | 7.50 | 0.94 | 5.00 | 3.57 | | 2.06 | 2.31 | 2.81 | 4 - 0.75 | 6.00 | 13.0 |
| 30M | 40M | 4" | 4" | 6"-sch 10 | 9.00 | 0.94 | 6.63 | 4.57 | | 2.19 | 2.44 | 2.94 | 8 - 0.75 | 7.50 | 19.0 |
| 30M | 40M | 4" | 4" | 6"-sch 40 | 9.00 | 0.94 | 6.31 | 4.57 | | 2.06 | 2.31 | 2.81 | 8 - 0.75 | 7.50 | 19.0 |
| 30N | 40N | 6" | 6" | 8"-sch 10 | 11.00 | 1.00 | 8.63 | 6.72 | | 2.31 | 2.69 | 3.44 | 8 - 0.88 | 9.50 | 27.5 |
| 30N | 40N | 6" | 6" | 8"-sch 40 | 11.00 | 1.00 | 8.50 | 6.72 | | 2.25 | 2.63 | 3.25 | 8 - 0.88 | 9.50 | 27.5 |
| 30P | 40P | 8" | 8" | 10"-sch 10 | 13.50 | 1.13 | 10.75 | 8.72 | | 2.50 | 2.88 | 3.63 | 8 - 0.88 | 11.75 | 40.0 |
| 30P | 40P | 8" | 8" | 10"-sch 40 | 13.50 | 1.13 | 10.63 | 8.72 | | 2.38 | 2.75 | 3.50 | 8 - 0.88 | 11.75 | 40.0 |
| 30R | 40R | 10" | 10" | 12" | 16.00 | 1.19 | 12.75 | 10.88 | | 2.56 | 2.94 | 3.69 | 12 - 1.00 | 14.25 | 57.5 |
| 30S | 40S | 12" | 12" | 14" | 19.00 | 1.25 | 15.00 | 12.88 | | 1.25 | 1.75 | 2.50 | 12 - 1.00 | 17.00 | 59.0 |
| 30V | 40V | 14" | 14" | 16" | 21.00 | 1.38 | 16.25 | 14.14 | | 1.88 | 2.38 | 3.13 | 12 - 1.13 | 18.75 | 93.0 |
| 30W | 40W | 16" | 16" | 18" | 23.50 | 1.44 | 18.50 | 16.16 | 1.94 | 2.44 | 3.19 | 16 - 1.13 | 21.25 | 117.5 | |
| 30Y | 40Y | 18" | 18" | 20" | 25.00 | 1.56 | 21.00 | 18.18 | 2.06 | 2.56 | 3.31 | 16 - 1.25 | 22.75 | 127.0 | |

*1. These would be the first 3 digits of the part number. The rest of the part number is determined by the schedules of the core and jacket pipe, and the material of the insert and flange which all need to be specified.
 *2. These flanges are made to **standard ASME flange thicknesses**. Although the conventional series (standard flange thicknesses) have been used the longest in the PVF industry, not all pressure temperature ratings will conform with ASME B16.5 due to an insert flange being a two-piece flange. (ASME B16.5 is written for one-piece flanges) Please see our ASME Series for engineered thicknesses that meet and conform to all pressure temperature ratings for ASME Code.

*3. Bolting is to SA-193 B7 and the gasket is spiral wound.
 *4. Tolerances are standard to ANSI B 16.5 dimensional tolerances.
 *5. Sizes not shown are available upon request.
 *6. All dimensions are in inches. **The C dimension and the Lengths include the 1/16" raised face.**
 *7. These dimensions are based on using stainless steel for the insert and carbon steel for the flange. Any changes in these types of material may result in an increase to the dimension of the flange thickness.
 *8. An insert and flange is sold together as one unit.