

# **inertech, Inc.**

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## **OPRA® Small ID Noted as the PW or Pipe Wall Style:**

All OPRA® element of the OPRA® PW gasket is positioned as close as possible to the flange ID. The ID of OPRA® PW gaskets range from 1/8" larger than the nominal pipe size (NPS 1/2" – NPS 3) to 1/4" larger than the nominal pipe size (NPS 4 – NPS 8) to 3/8" larger than the nominal pipe size (NPS 10 – NPS 24).

- 1) The width of the sealing area ranges from 1/2" wide for NPS 1/2 - NPS 3, 5/8" wide for NPS 4 – NPS 8 and 3/4" wide for NPS 10 – NPS 24.
- 2) Instead of having a standard bolt hole pattern, OPRA® PW gaskets have a slot for each bolt. The OD of the slot aligns the gasket correctly on the flange. Replacing the standard bolt hole with a slot is another means of reducing the gasket contact area.
- 3) OPRA® PW gaskets are our standard design for standard pipe flanges

## **OPRA® Large ID Noted as the BC or Bolt Circle Style:**

- 1) The sealing area of the OPRA® BC gasket is positioned as close as possible to the inside edge of the bolt holes.
- 2) The width of the sealing area is 1/2" for all OPRA® BC gasket sizes.
- 3) OPRA® BC gaskets are a design option that can be used with non-standard gaskets – specifically large diameter vessel gaskets.

## **Selection:**

- 1) OPRA® PW design is the standard for pipe flanges; however, the OPRA® BC pipe flange gaskets are available if necessary.
- 2) OPRA® gaskets can be custom designed for any non-standard piping or vessel flange. Information required for design is: Vessel Flange ID, OD, and BCD. Number of bolts, diameter of bolt, assembly torque recommended and flange profile (smooth, grooved, serrated, etc).



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**Tested. Proven.**