

iGuard™ Isolation Kit: Step-by-Step Installation Instructions

STEP 1

FLANGE PREPARATION

- Clean any debris & inspect flange face for any defects

STEP 2

FLANGE ALIGNMENT

- Using supports where available, align flanges so bolts slide easily through both flanges, and with a min. of 1/8" gap to easily slide gasket between the flanges

STEP 3

BOLT PREPARATION

- If using a non-metallic lubricant, apply first
- Apply nut to one end of the stud bolt
- Slide your steel backing washer over bolt
- Slide your insulation washer over bolt
- Install sleeve on the bolt

STEP 4

BOLT INSTALLATION

- Install prepared bolts (with sleeves & washers) to bottom half of the flange assembly

STEP 5

GASKET INSTALLATION

- Easily slide the gasket between the flanges, resting on the bottom half of the stud bolts from step 4

STEP 6

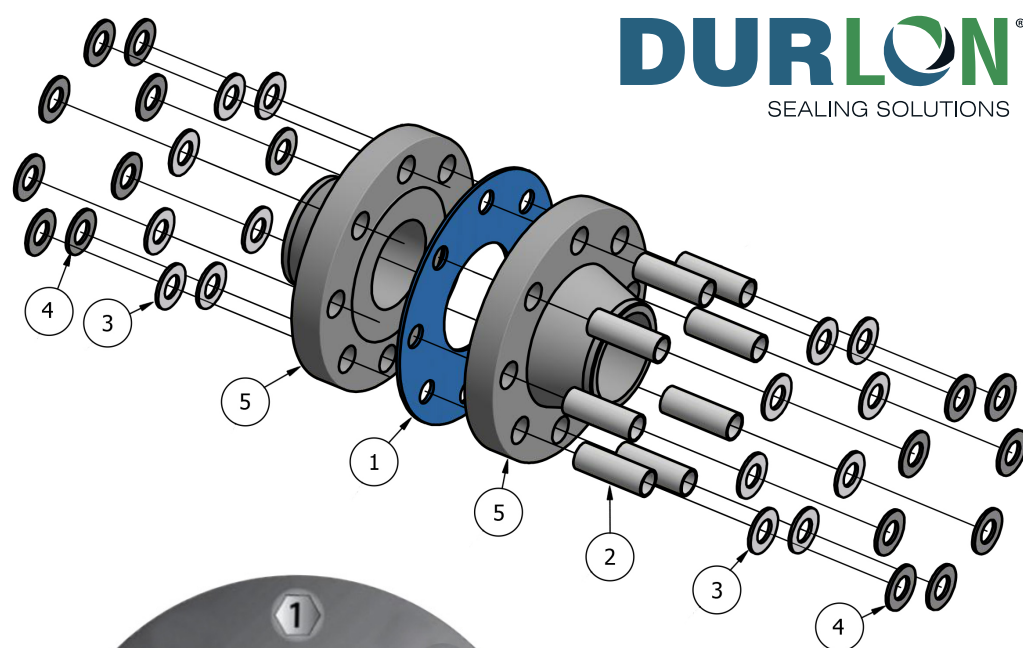
INSTALL REMAINING BOLTS

- Insulating washer should flush against flange
- Steel backing washer should flush between insulating washer and nut

STEP 7

TIGHTENING THE BOLTS

- Torque bolts in a star pattern (diagram to right - always use a torque wrench)
- Snug each bolt to 10-20 ft. lbs.
- Tighten each bolt to 30% of target torque
- Tighten each bolt to 70% of target torque
- Tighten each bolt to 100% of target torque
- Torque each bolt to 100% in circular pattern



Star Pattern Diagram

DURLON
SEALING SOLUTIONS

Parts List

Description	Item	Qty
Durlon® 9000 Gasket	1	1
PTFE Sleeves	2	8
Teflon Washers	3	16
316SS Washers	4	16
Flange	5	2

NOTE:

The above Parts List refers to the Durlon® iGuard™ 9000 Isolation & Sealing Kit as photo at top. Flanges are not included in the kit. Contact our Technical Department for more information about Bolt Torqueing, the Star Patterns, and Load Values: 1-613-968-1100