



INSTALLATION INSTRUCTIONS

SD Graphite Rupture Disk

ZOOK SD rupture disks are designed to mount into industry standard ferrules using standard gasket and modified standard clamp. All components are stocked at ZOOK.

WARNING

1. The flow arrow appearing on the disk nameplate must point in the venting direction.
2. Discharge from open vents can be hazardous to personnel and equipment because of toxic and flammable materials, fragments from rupture disks, pipe scale, product solids, and high velocity discharge.
3. Rupture disks described in this guide are intended for application only by persons possessing requisite skill, and at their own discretion and risk.
4. Because installation and use of rupture disks are beyond control of the manufacturer, ZOOK does not assume any liability exceeding the purchase price of the disk. This express warranty excludes all implied warranties.

1) PREPARATION

Existing Installation:

- a) Disassemble the assembly and/or disk by loosening and removing the sanitary clamp.
- b) Remove the used rupture disk from connections.
- c) Examine the sealing surfaces very carefully. Do NOT scrape or scratch any seating surface. Wipe these surfaces with a clean cloth and suitable solvent to remove any surface residue.

For New Installation follow step 1(c) only.

2) ASSEMBLY OF THE RUPTURE DISK

- a) ZOOK SD rupture disks are manufactured for installation between standard sanitary ferrules only.
- b) Carefully remove the disk from its package.
- c) Examine the disk carefully before installation.
DO NOT USE IF THERE IS ANY INDICATION OF DAMAGE.
- d) Place a new sanitary style gasket onto inlet ferrule.
- e) Place the new disk onto sanitary gasket. **VERIFY THAT THE FLOW ARROWS ARE POINTING IN THE PROPER DIRECTION** (the flat side of the disk faces towards the process.)
- f) Place O-Ring provided with rupture disk onto the outlet side of the rupture disk.
DISK IS SUPPLIED WITH O-RING - DO NOT USE ANY ADDITIONAL GASKET(S).
- g) Align outlet ferrule to vent side of disk – the assembly should self-align.
- h) Carefully place the clamping ring around the outside of the sanitary fittings and tighten the wing nut to achieve a sealed joint.

NOTE: For ASME 'UD' marked rupture disks, the user is responsible for attaching the loose nameplate with the meter seal provided with each disk in their installation. The meter seal must be attached in a manner that will prevent changing of the rupture disk without breaking the seal.

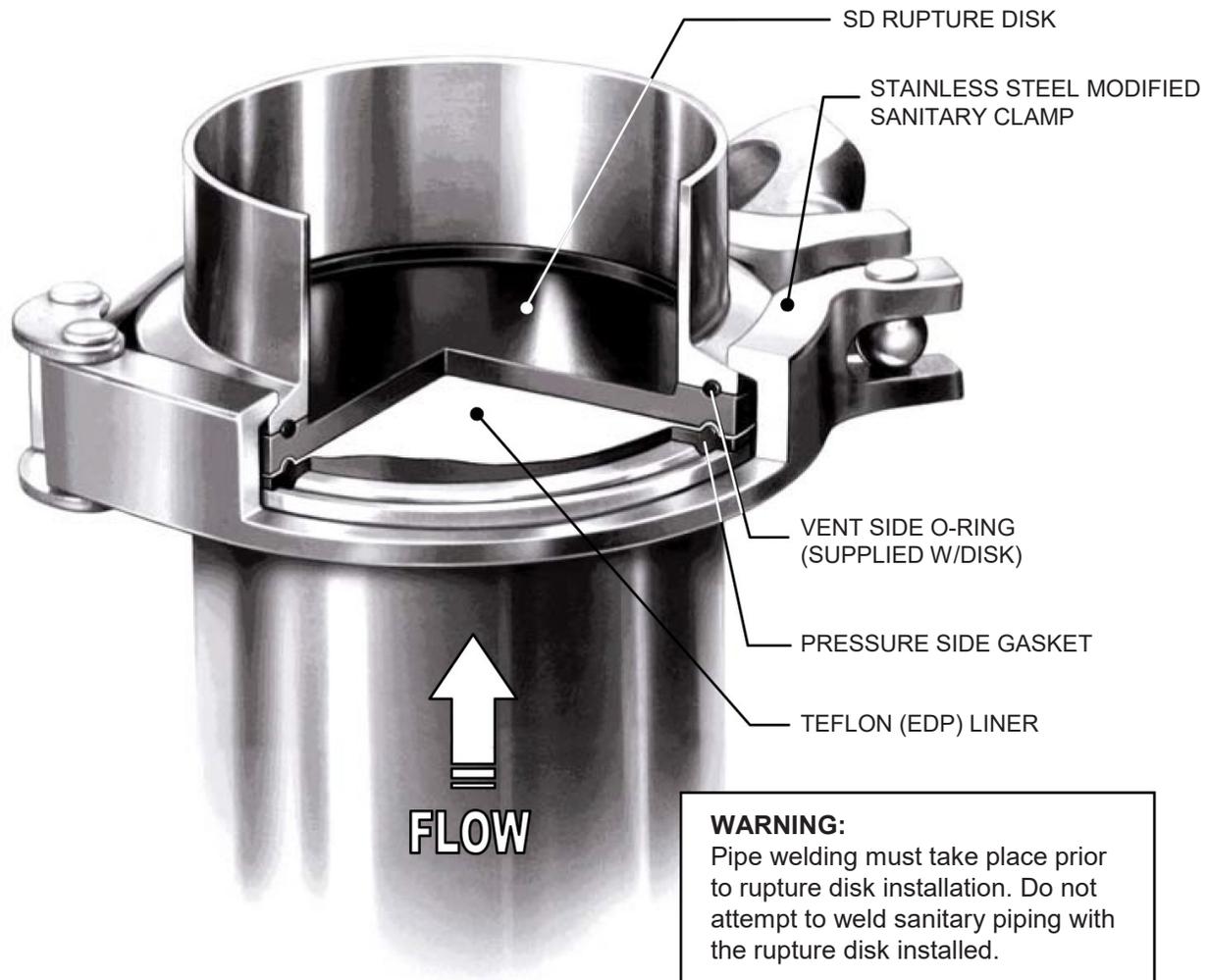
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