

WELDED INSTRUMENTS TO DIAPHRAGM SEALS OPTION: XDU

PIP #: ASH-PI-62

Applicable to:
Diaphragm Seals

Option XDU applies to the diaphragm seals when welded to an instrument connection or system welded together such as diaphragm seal, flange, syphon and pulsation dampening device with or without flexible lines.

Advantages of welding an instrument to the Diaphragm Seals:

- Tamperproof all welded construction.
- Prevents fill leakage from accidental disconnections.
- Safer since it is dual pressure containment.
- Increases gauge life in severe applications.

Available Diaphragm seals with welding option XDU:

- All Ashcroft diaphragm seals. However, the instrument material connections must be compatible with diaphragm seal top housing for welding.

Welding Material Selection Guidelines Below:

- Select stainless steel top housing material (option XYT) for 100, 200 and 300 diaphragms seals series to weld with stainless steel instrument connections.
- All other diaphragm seals top housing material are stainless steel. Confirm stainless steel instrument connections.
- Select Monel top housing material (option XYM) on all diaphragm seal to be welded to instruments with Monel connections.
- Welded material must be comparable regardless of diaphragm or instruments type.