

**Diaphragm Seals**

**PIP #: DS/PI-32A**

Applicable to:  
Diaphragm Seals

**ASHCROFT DIAPHRAGM SEALS  
IN HALOGEN GAS SERVICE**

Because bromine, chlorine and fluorine gases may, under certain conditions, permeate a Teflon diaphragm, this material must not be used on applications involving these gases.

The following diaphragm materials are recommended:

Gas	Diaphragm Material
Bromine	Tantalum
Chlorine	Tantalum
Fluorine	316 Stainless Steel

Teflon bottom housings may be used because of the much greater thickness of the material.



Type 200 Diaphragm