

The Ashcroft® Type 320 quick-connect diaphragm seal is designed especially for those applications that require ease of dismantling and re-assembly and do not require a 3A standard rating in accordance with sanitary standard 74-00.

Typical applications include the pharmaceutical, dairy, food processing, biotechnology, and filtration markets. Also included are breweries, distilleries, wineries and citrus juice production plants.

Standard features include:

- 316L stainless steel diaphragm welded to a 316L stainless steel top housing.
- Fill/bleed connection
- Top housing and pressure instrument removable from process.
- Compatible with Tri-Clover and Cherry Burrell S line connections



SPECIFICATIONS

Table A Piping System/Type Number

Type Number	Piping System	Code	Top Housing Materials	Code	Diaphragm Material	Code	Instrument Connection	Code
320	1½"	15	316L SS	S	316L SS	S	¼ NPT	02T
	2"	20					½ NPT	04T

Table B Filling Fluid⁽¹⁾

Filling ⁽¹⁾	Code	Temperature Range °F
Glycerin	CG	0/400
Silicone	CK	-40/600
Halocarbon	CF	-70/300
Syltherm	HA	-40/750

(1) Other fill fluids on application, consult customer service, Stratford, CT.

PRODUCT INFORMATION:

- The 1½"-Type 320 is for use on most 3½" and smaller size gauges; the 2"-Type 320 can be attached to gauges up through 4½" size.
- Quick-connect clamps, gaskets or bottom housings are not supplied.
- Can be used with pressure instruments such as gauges, switches and transducers.
- Replaces Ashcroft Type 110 series quick-connect diaphragm seals.
- For pressures under 100 psi, special calibration is required on the 1½"-Type 320 seal. Consult customer service, Stratford, CT.
- Maximum operating pressure and temperature is determined by the gaskets and clamping devices used in the piping system.

For Ashcroft gauges required to comply with sanitary standard 74-00, see bulletin SG-2 and pages 46-48 of this bulletin.

TO ORDER THIS TYPE 320 DIAPHRAGM SEAL:

1. From Table A...select TYPE NUMBER & piping system size, diaphragm and top housing material, ¼" instrument connection (e.g., 1½" process, 316 stainless steel diaphragm and top housing code 15-320SX-02T)
2. From Table B...select FILLING FLUID if diaphragm seal will be attached to instrument. (e.g., glycerin-code CG)

Coded order: 15-320SX-02T-CG