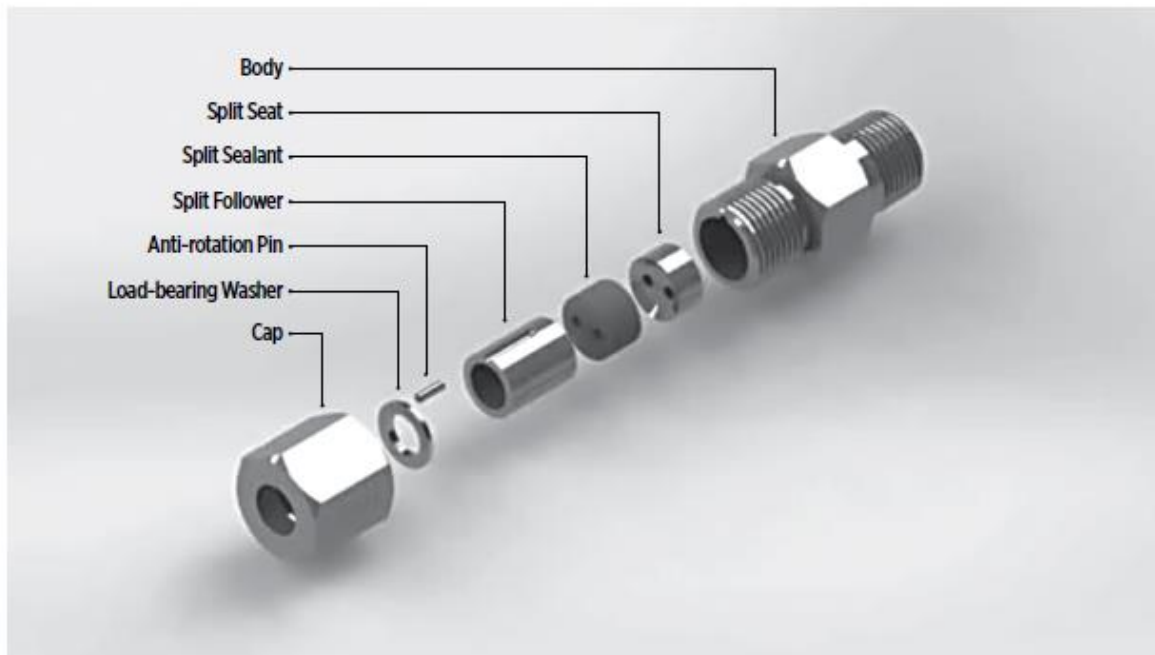


Datasheet : 123

NOTE: European specification standard is 316 stainless steel for gland body

SPGA multi-hole split compression seal fitting

With both hydraulic and pneumatic catalog pressure ratings



Data sheet

The purpose of this data sheet is to act as a supplement to the Conax 5001 Compression Seal Fitting Catalog. Please review the general information in this data sheet as well as the additional specific data found in the Split Seals section of the catalog.

Our tightest split seal fitting ever

Conax Technologies now offers a split seal fitting with pressure ratings that are higher than typical ratings achieved with standard multi-hole split compression seal fittings.

The new Conax SPGA is our first multi-hole split seal fitting that carries both hydraulic and pneumatic catalog pressure ratings. So there's no need to consult the factory when your application falls within the catalog ratings.

Because the amount of pressure transmitted from the cap to the load-bearing washer, follower, sealant, and seat set is higher, the SPGA creates higher sealing pressures that result in a tighter seal on the fitting body and elements. Viton, Lava and Grafoil sealants are available.

Conax split seals for multiple probe sealing

Conax Technologies offers various models of split seals designed to be used when the diameter of the probe tip is larger than the diameter of the elements at the location of the seal. Split fittings feature split sealants, followers, and seats, so the sealants can be easily changed without removing the elements from the system.

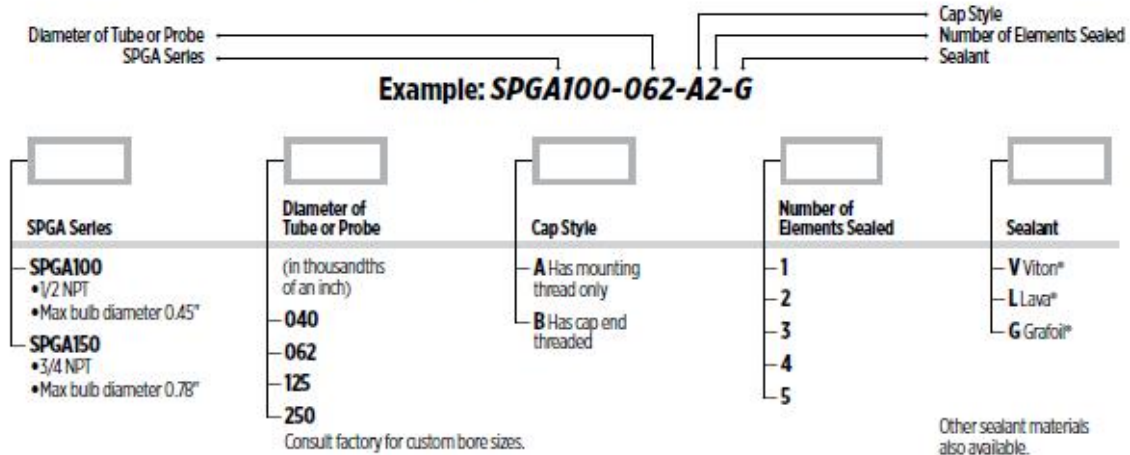
Conax split seal fittings are used in down-hole oil and gas applications and for general industrial uses, including:

- Analyzer sampling probes with blow-out collars
- Gas-filled capillary bulb temperature sensors
- Cable assemblies with factory-installed connectors
- Easier assembly and disassembly of long cable/sheath probes

Datasheet : 123

NOTE: European specification standard is 316 stainless steel for gland body

SPGA multi-hole split compression seal fitting



SPGA Series			Torque Rating (lbs-ft)			Pressure Rating (psig) Gaseous			Pressure Rating (psig) Hydraulic		
Catalog Number	Element Size	Max Number of Elements	Grafoil®	Viton®	Lava®	Grafoil®	Viton®	Lava®	Grafoil®	Viton®	Lava®
Standard 1/2 NPT											
SPGA100	0.040	4	150	90	140	7,200	7,200	6,000	10,800	12,800	12,650
SPGA100	0.062	4	150	90	140	7,200	7,200	6,000	13,600	12,800	12,650
SPGA100	0.125	2	150	90	140	7,200	7,200	6,000	10,400	12,800	12,650
Standard 3/4 NPT											
SPGA150	0.062	5	300*	130	275	4,800	7,200	1,000	4,800	7,200	1,000
SPGA150	0.125	4	300*	130	220	6,000	6,000	2,000	6,400	8,000	6,000
SPGA150	0.250	2	300*	130	220	4,400	7,200	2,000	4,400	12,000	6,650

Note: The pressure and torque ratings provided in this data sheet apply only when bores are drilled by Conax Technologies. Custom bore sizes and/or a blank body, follower and/or sealant may be provided. Consult factory.
 All pressure and torque ratings were determined at 68°F (20°C) using mineral insulated metal sheath material as the element. Pressure ratings may degrade at higher temperatures. Pressure rating guide values are provided for fittings with elements unrestrained by the compressed sealant.
 • When applying torque to SPGA150 Models containing Grafoil sealant, torque to 275 lbs-ft, then retorquing to 300 lbs-ft after 24 hours.