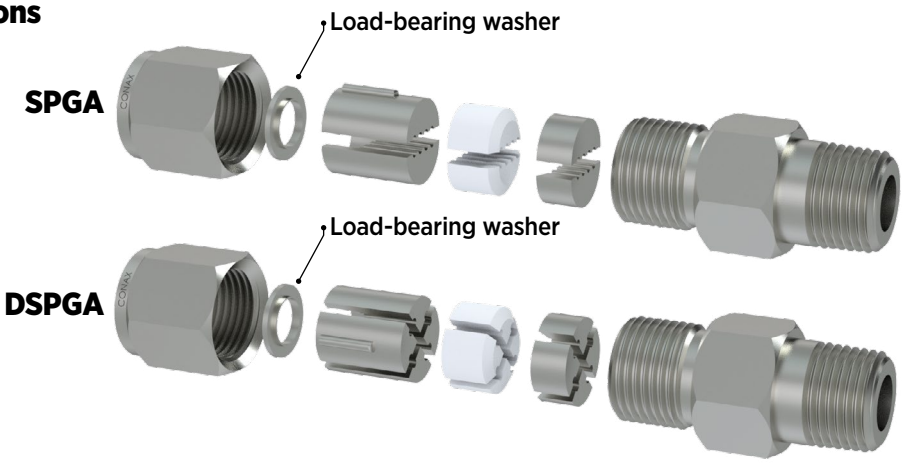


Specifications



Our tightest split seal fitting ever

Conax now offers split seal fittings with pressure ratings that are higher than typical ratings achieved with our legacy SPG and DSPG multi-hole split compression seal fittings.

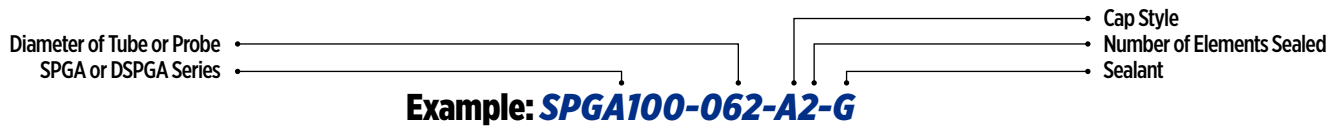
Conax SPGA and DSPGA fittings are our first multi-hole split seal fittings that carry both hydraulic and pneumatic catalog pressure ratings. There's no need to consult the factory when your application falls within the catalog ratings and no need for users to develop their own torque values and associated pressure ratings.

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

The following chart compares the new split fittings to their legacy counterparts. **NOTE: Seats and Followers are NOT interchangeable between new and legacy split fittings.**

New SPGA & DSPGA vs Legacy SPG & DSPG		
Availability	New SPGA/DSPGA	Legacy SPG/DSPG
1/4" NPT Body	N	Y
1/2" & 3/4" NPT Body	Y	Y
Follower with Integral Pin	Y	Y
Load Bearing Washer	Y	N
High-Strength Cap & Follower	Y	N
Pneumatic Pressure Rating	Y	N
Hydraulic Pressure Rating	Y	N
Tight-toleranced Bore for Seat & Follower	Y	N

Catalog Numbering System for SPGA and DSPGA



SPGA or DSPGA Series	Diameter of Tube or Probe	Cap Style	Number of Elements Sealed	Sealant
SPGA100 DSPGA100 • 1/2 NPT • Max bulb diameter 0.45"	(in thousandths of an inch) 040 062 125 250 Custom bore sizes also available.	A Has mounting thread only B Has cap end threaded	1 2 3 4 5 7 9 10 11 12	V Viton® L Lava G Grafoil® Other sealant materials also available.

Modifiers are added in parentheses to indicate optional mounting methods. See pages 9-11. See Specification Charts for the proper modifiers.

Specifications

SPGA Series		Grafoil				Viton				Lava			
Catalog Number	Maximum Number of holes	Pneumatic		Hydraulic		Pneumatic		Hydraulic		Pneumatic*		Hydraulic	
		PSIG	BAR	PSIG	BAR	PSIG	BAR	PSIG	BAR	PSIG	BAR	PSIG	BAR
SPGA100-040	4	6,000	413	7,700	530	6,000	413	9,100	627	2,200	151	10,000	689
SPGA100-062	4	6,000	413	9,700	668	6,000	413	9,100	627	2,200	151	10,000	689
SPGA100-125	2	6,000	413	7,400	510	6,000	413	9,100	627	1,800	124	10,000	689
SPGA150-062	5	3,400	234	3,400	234	2,200	151	2,200	151	500	34	6,800	468
SPGA150-125	4	4,500	310	4,500	310	1,800	124	1,800	124	500	34	5,100	351
SPGA150-250	2	3,100	213	3,100	213	900	62	900	62	500	34	5,700	393

DSPGA Series		Grafoil				Viton				Lava			
Catalog Number	Maximum Number of holes	Pneumatic		Hydraulic		Pneumatic		Hydraulic		Pneumatic*		Hydraulic	
		PSIG	BAR	PSIG	BAR	PSIG	BAR	PSIG	BAR	PSIG	BAR	PSIG	BAR
DSPGA100-040-G	8	4,500	310	6,000	413	4,500	310	7,100	489	500	34	8,400	579
DSPGA100-062-G	4	4,500	310	7,500	517	4,500	310	7,100	489	500	34	8,400	579
DSPGA150-062-G	12	3,000	206	4,000	275	1,200	82	1,200	82	500	34	4,400	303
DSPGA150-250-G	4	2,700	186	2,400	165	900	62	900	62	500	34	4,000	275

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.

• Lava sealant not recommended for gaseous applications.