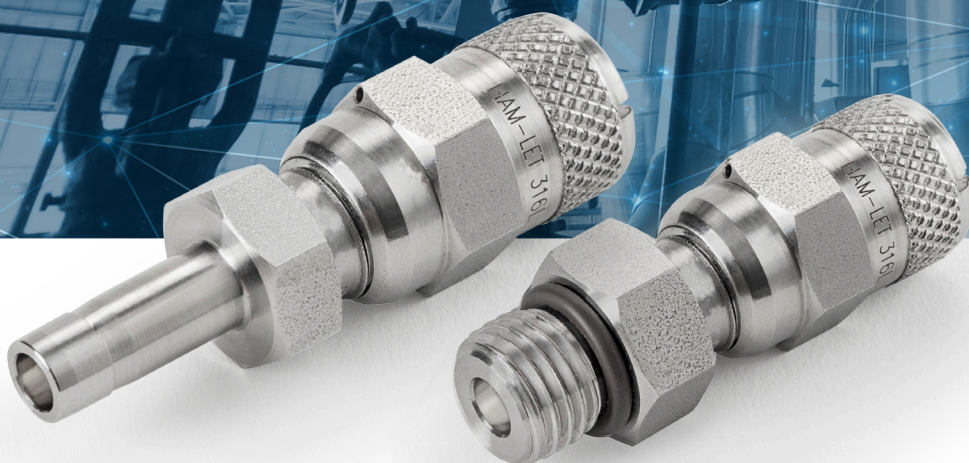




PURGE VALVES



PURGE VALVE

Purge valves are manual bleed, vent or drain valves that are pivotal in ensuring the optimal functioning of CNG-powered vehicles and industrial applications. Proper use of Purge valve efficiently expels any lingering gas, facilitating a safer and more reliable operation.

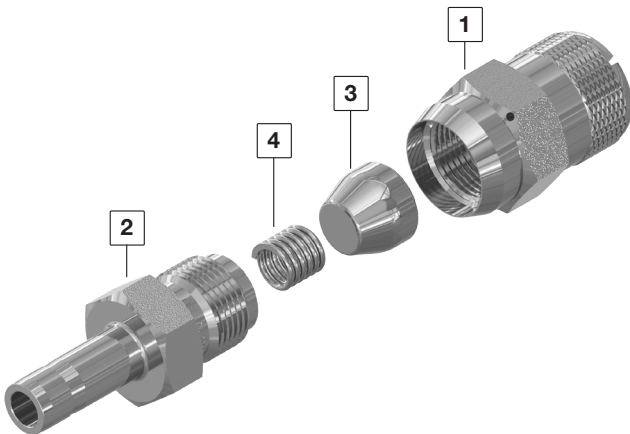
A simple one-quarter turn with a wrench, starting from finger-tight, achieves a leak-tight seal during the initial installation. The knurled cap is securely attached to the valve body enhanced safety. This mechanism provides a fail-safe solution to prevent gas build-up and ensure the system is ready for optimal performance.

MATERIALS OF CONSTRUCTION

No.	Part	Qty	Material
1	Cap*	1	316 SST
2	Body*	1	316 SST
3	Poppet*	1	316 SST
4	Spring*	1	304 SST
5	Lubricant		Silicone-based

* Wetted parts

* Male SAE body has fluorocarbon FKM O-ring



PURGE VALVES FEATURES

- MAWT 4000 psig (275 bar)
- MAWT 600°F (315°C)
- 316 stainless steel material
- Integrated vent hole for liquid or gas excess
- Verity of end connections
- Metal slotted handle
- Permanently knurled cap for safety
- Compact for convenient installation

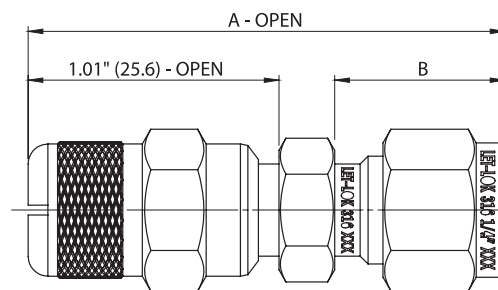
CLEANING & PACKAGING

Every Purge valve series is cleaned in accordance with Standard Cleaning and Packaging (procedure 8184). Oxygen Cleaning and Packaging is in accordance with special Cleaning and Packaging (Procedure 8185) and is available as an option.

PRESSURE -TEMPERATURE RATINGS

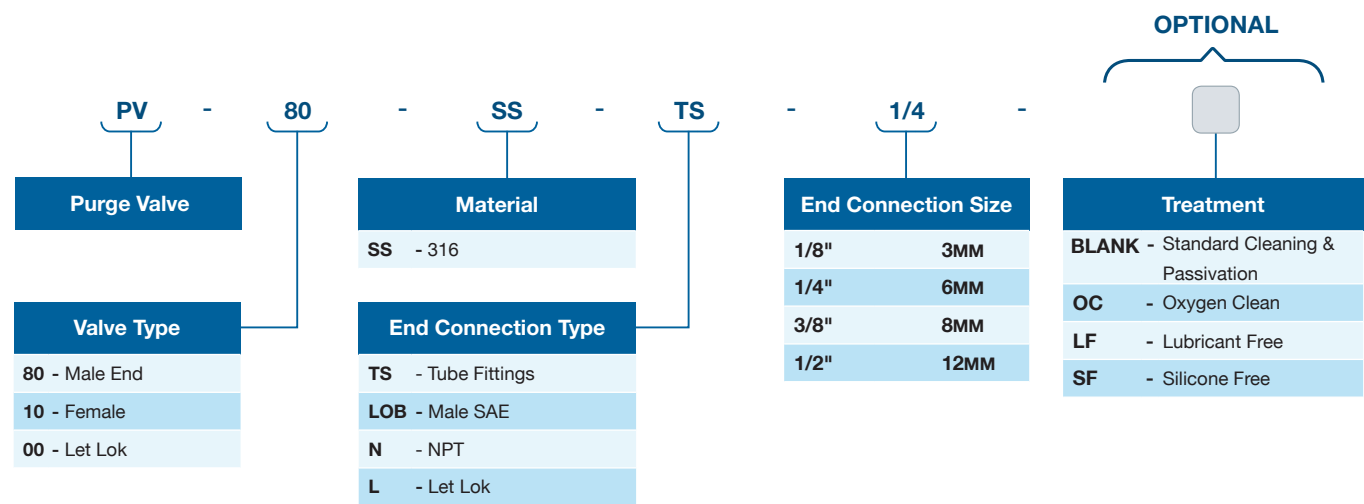
Material – 316 SST			
Temperature		Working Pressure	
°F	°C	psig	bar
-67	(-55)	4000	275
100	37	4000	275
150	65	3720	256
212	100	3450	237
302	150	3110	214
356	180	2980	205
392	200	2850	196
446	230	2750	189
500	260	2650	182
600	315	2500	172

PURGE VALVES CONFIGURATION DIMENSIONS



Inlet End Connection		Dimensions			
Type	Size	A		B	
		in.	mm	in.	mm
Female NPT	1/8"	1.54	39.2	-	-
	1/4"	1.72	43.8	-	-
	3/8"	1.79	45.5	-	-
	1/2"	1.98	50.3	-	-
Male NPT	1/8"	1.60	40.7	0.38	9.7
	1/4"	1.80	45.8	0.60	14.2
	3/8"	1.82	46.3	0.60	14.2
	1/2"	2.07	52.6	0.75	19
Male SAE / LOB	1/4"x 7/16-20	1.65	42	0.36	9.1
Let-Lok	1/8"	1.83	46.5	0.60	15.3
	1/4"	1.92	48.9	0.69	17.6
	3/8"	2.01	51.2	0.75	19.2
	1/2"	2.16	55	0.86	22
	3mm	1.83	46.5	0.60	15.3
	6mm	1.92	48.9	0.70	17.7
	8mm	1.98	50.2	0.74	19
	12mm	2.16	54.9	0.93	23.7
Tube Adaptor	1/4"	1.85	47.1	0.62	15.8
	3/8"	1.91	48.6	0.68	17.4
	1/2"	2.13	54.2	0.91	23.1

PURGE VALVES ORDERING INFORMATION



CAUTION: During the installation of a Purge Valve, it is crucial to position the vent hole to direct system fluid away from operating personnel. The vent hole is designed to rotate with the cap, enabling a change in the discharge direction as the cap is turned.

To prevent fluid leakage, exercise caution and open the purge valves slowly. Remember that these valves do not incorporate packing, resulting in fluid leakage upon opening. Consequently, operating personnel must implement appropriate measures to safeguard themselves against potential exposure to system fluids.

Warning!

The system designer and user have the sole responsibility for selecting products suitable for their special application requirements, ensuring their safe and trouble-free installation, operation and maintenance. Application details, material compatibility and product ratings should all be considered for each selected product. Improper selection, installation or use of products can cause property damage or personal injury.