

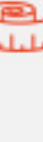



## HY-LOK CNG COMPONENTS

Hy-Lok Corporation is a worldwide leader in the manufacture and distribution of high performance fluid system components designed for critical customer applications. We have taken a leading role in the Alternative Fuel Vehicle marketplace with an array of custom products specifically designed and tested to industry standards for CNG/LNG and hydrogen-powered vehicles. Our engineers and sales staff work closely with fueling system equipment manufacturers, infrastructure contractors as well as vehicle OEMs and vehicle conversion companies around the world to help meet the challenges of performance, safety, and reliability. Hy-Lok products have been rigorously tested and conform to the latest industry and international standards and specifications. Decades of expertise in the manufacture of fittings and valves for applications in refining, chemical processing, bio/pharm, and semiconductors have given Hy-Lok a unique perspective and understanding of the importance of quality products and customer service.



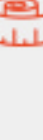

### CNG Receptacle



-  -40°F to 250°F (-40°C to 121°C)
-  Hy-Lok's CNG Receptacles are rated for pressures up to 3600 psig , (248 bar) @100° F.
-  Available in NGV1 profile for smaller vehicles and NGV2 profile for trucks and buses. End connections included Hy-Lok Two Ferrule Fittings, ORFS, ORB in sizes from ¼" to ½" and 6mm to 16mm tube.
-  Available in Stainless Steel or Brass. Internal check valve offers unidirectional flow. Self-Centering Poppet. Protective Dust Caps are included. Optional 50 micron available.




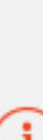
### Ball Valves



-  -40° to 250°F, (-40°C to 121°C)
-  Maximum Operating Pressure: 6000psig, (413 bar) @100°F
-  Available with Hy-Lok Two Ferrule Fitting end connections in sizes ¼" to ¾" tube and 6mm to 16mm.
-  AGA / CGA NGA 3.1 and ECE R110 Tested and Certified for vehicle on-board applications. Long cycle life and high pressure ¼ turn off control. Bi-directional flow, Panel mounting ,Disc spring live loaded.



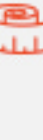

### Check Valves



-  -40° to 250°F, (-40°C to 121°C)
-  Maximum Operating Pressure: 6000psig, (413 bar) @100°F. Cracking pressures include 1/3, 1, 5, 10, 25 psig
-  End connections included Hy-Lok Two Ferrule Fittings, ORFS, ORB in sizes from ¼" to ½" and 6mm to 16mm tube. Flow Coefficient (Cv) .067 to 4.7.
-  In-line Pattern, Back stop Poppet design provides for maximum flows , 316 Stainless Steel body, NBR seats,, Minimum chatter and fluctuations, 100% factory tested.





### Micron Tee Filters



-  -40° to 250°F, (-40°C to 121°C)
-  Maximum Operating Pressure: 6000psig, (413 bar) @100°F
-  Available with Hy-Lok Two Ferrule Fitting end connections in sizes ¼" to ½" tube and 8mm to 16mm. Replaceable filter elements in 1,10,50,100 and 150 Microns.
-  Critical component for protection to system operations. Removes oil, water, and solid contamination in CNG Fuel. Tee pattern/Easy Replacement of sintered SS elements. Stainless Steel, Available bypass. Integral union bonnet design.



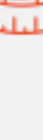

### Coalescent Filters



-  -40° to 250°F, (-40°C to 121°C)
-  Hy-Lok's CNG Filters are rated for pressures up to 3600 psig , (248 bar) @100° F. Flow Rate: 30 SCFM @100 psig. Pressure drop of .5 to 1 psig.
-  Compact design measuring 4.75" L x 2.28"Dia. with ¼ FNPT or 9/16-18 UNF connections.
-  Critical component for protection to system perations Removes oil, water, and solid ontamination in CNG Fuel.

### Purge Valves



-  -65° to 600°F, (-54°C to 315°C)
-  Maximum Operating Pressure: 4000psig, (275 bar) @100°F.
-  Variety of end connections included Hy-Lok Two Ferrule Fittings in sizes 1/8" to ½" and 6 & 8mm tube, 1/8" to 1/2" Male and Female NPT, ¼, 3/8 & ½"
-  Vented hole bleeds excess liquid or gas from system lines. Knurled cap is crimped to valve body to prevent accidental removal. Stainless Steel body and poppet.

### Tube Fittings for CNG Applications



Hylok Corporation has the right fitting to meet your high pressure CNG gas applications. Our Two Ferrule Tube Fittings are designed for excellent gas-tight sealing and vibration fatigue resistance. Tested and certified for NVG on-board CNG applications per ECE R110.



Our Face-Lok, O-Ring Face Seal Fittings are designed in accordance with SAE J1453 & ISO 8434-3 specifications. These fittings feature a captive O-ring groove design, high pressure ratings, zero tube entry, elastomeric seal.