

LN₂

High performance at low temps.

Finally, the one coupling for faster, safer connections.

For users of liquid nitrogen who require frequent connecting and disconnecting of supply lines, Eaton introduces the first LN₂ coupling that makes connecting supply lines quick and easy. Unlike existing threaded connections, Eaton's Aeroquip Quick Disconnect can be connected in just seconds without using a wrench. You simply push to connect and pull to disconnect.

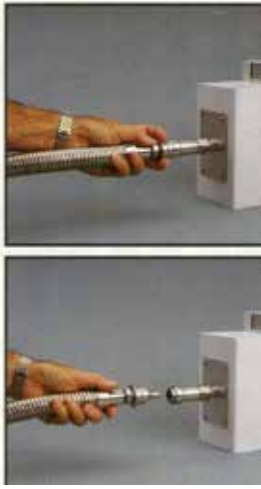
The one coupling that gets high marks at low temps.

With advanced valving and sealing, the LN₂ coupling provides quick, safe connections under pressurized flow conditions up to 80 psig (551.580 kPa). Connect with the coupling that gets high marks at low temps—Eaton's LN₂ coupling.

- Push-to-connect latching for fast, easy, one-hand operation
- Visual indicator of latched position
- Connects/disconnects at pressures up to 80 psig (551.580 kPa)
- 303 Stainless steel for corrosion resistance on all wetted metal components
- Minimal pressure drop (2.8 psig/19.305 kPa) at a liquid nitrogen flow rate of 5.0 gpm
- PTFE and polymer seals for extreme temperature and chemical compatibility

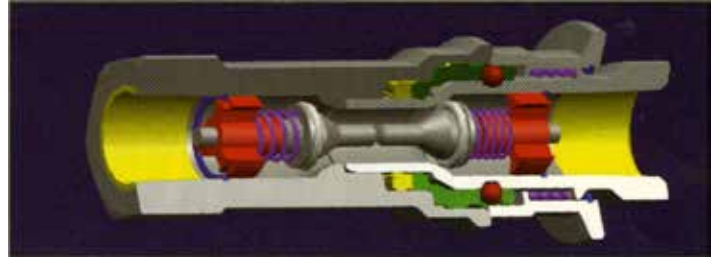


Powering Business Worldwide



LN2 Coupling – Physical Characteristics

Maximum Operating Pressure (psig/kPa)	Minimum Burst Pressure (psig/kPa)	Temperature Range	Cv Value	Rated Flows (gpm)
300/ 2068.427	1000/ 6894.757	-320 to +200°F -196 to +93°C	1.95	5.0



Purchasing Information

Coupling: Female Half

P/N: ZC01-1002-0606

End Fitting: 3/8 – 18 NPT

Coupling: Male Half

P/N: ZC01-1001-0606

End Fitting: 3/8 – 18 NPT