

Snap-tite NGV1 Fueling Nozzle (Type 2 & 3 Class A & B)



Snap-tite's nozzle is designed specifically for the transfer of compressed natural gas (CNG) to natural gas vehicles.

This nozzle can be used for fast fill or time fill in a self depressurizing fueling system or in conjunction with a 3-way valve attached.

Snap-tite's nozzle also allows complete interchangeability to any receptacle conforming to the NGV1 requirements.

Features

- ▶ Lightweight – .96 lbs. (.435 kgs)
- ▶ The bumper is made of a durable polyurethane to reduce wear and damage to vehicles and to protect the user from the cold temperature of the nozzle
- ▶ The bumper is designed for rugged use, it protects the front engagement bore and provides a very comfortable grip when connecting or disconnecting
- ▶ Color coded bumper visually identifies the service pressure – blue for 3,000 psi (207 bar), yellow for 3,600 psi (248 bar)
- ▶ Connects with single handed operation by pushing together
- ▶ Disconnects with single handed operation by pulling back on the polyurethane bumper
- ▶ The Snap-tite patented nozzle cannot be manually disconnected from the receptacle at an internal pressure greater than 350 psi (24 bar)
- ▶ High reliability ball locking
- ▶ Poppet valve prevents the inadvertent flow of gas when the nozzle is disconnected
- ▶ Keying system prevents higher pressure nozzle from connecting onto lower pressure receptacle
- ▶ Nozzles available in either 316 Stainless Steel
- ▶ When connected to the receptacle the nozzle body extends over the outside diameter of the receptacle thus providing an excellent length to diameter ratio (L/D)
- ▶ All materials utilized by Snap-tite guarantee a very weather resistant device considering ambient temperature, solar radiation, humidity, atmospheric toxins and airborne salt

Certification: ANSI/AGA/CGA NGV1

Working Pressure: 3000 psi (207 bar) and
3600 psi (248 bar)

Burst Pressure:

Stainless Steel: 20,000 psi
(1379 bar)

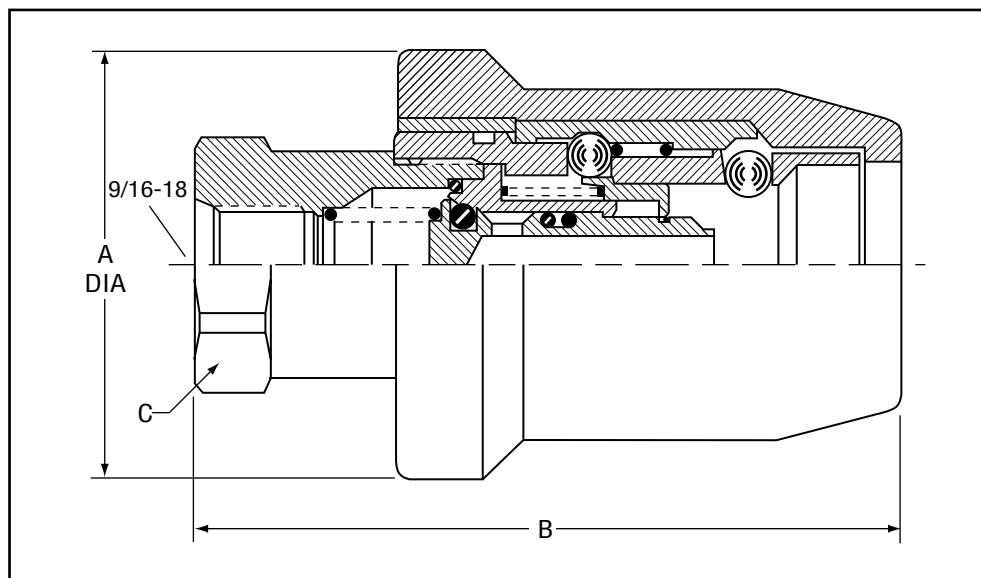
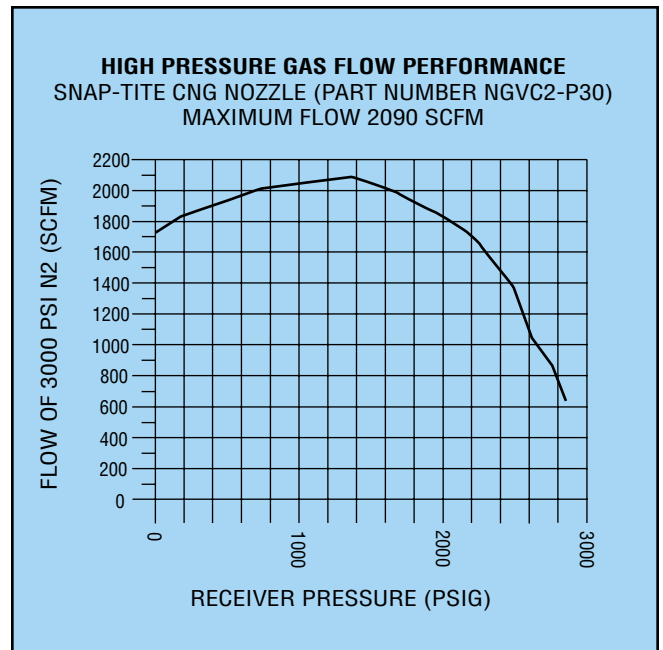
Temperature Range: -40°F (-40°C) to
185°F (80°C)

Weight: .96 lbs. (.435 kgs)

Flow Rate: 2090 SCFM (3551 Nm³/hr)

Material: 316 Stainless Steel

Speed of Fill: 16 seconds to fill a 14.5 US
gallon (54.92 liters) container
from 0 to 3,000 psi (207 bar)



PART NUMBER	A	B	C HEX
*NGVC2-P**	2.13 (54.10)	3.51 (90)	1-1/8 (28.60)

See Page 16 (How to Order)

in (mm)

Pressure or material does not effect dimensions.