

HOSE SPECIFICATIONS

CNG transfer hose (MAWP 5,000 psi) for fast flow filling systems, storage cascade to trailer/transporter, trailer/transporter connection to daughter station and direct feed to CNG dispenser. Sizes ¾" and 1".

Conductive inner liner to dissipate static electric build up.

Robust and abrasion resistant cover, light-weight and flexible fiber braid (non-metallic) construction. Kink, crush, twist and pull resistant.



OPERATING CONDITIONS / APPROVAL

TYPE	WEIGHT	HOSE SIZE		Service Pressure (MAWP) PSI (bar)	Test Pressure PSI (bar)	Min. Burst Pressure PSI (bar)	Operating Temperature - 40 °F to +149 °F (- 40 °C to +65 °C)	Min. Bending Radius
	≈ kg/m	ID in. (mm)	OD in. (mm)					In. (mm)
CNG 20	0.273 (0.41)	¾" (19.5)	1,165 (29.6)	5,000 (350)	10,000 (700)	20,000 (1,400)		7.09 (180)
CNG 25	0.487 (0.72)	1" (25)	1,535 (39.0)					7.87 (200)

Certified to ANSI/CSA NGV 4.2-2014 - CSA 12.52-2014 - Hoses For Natural Gas Dispensing Systems.
Certificate: 80162502.

Marking: Continuous, abrasion resistant as specified in ANSI/CSA NGV 4.2 (2014)

... ELAFLEX · CNG 25 · 1 INCH · CONDUCTIVE · MAWP 350 bar / 5000 PSI · WT - 40 C - + 85 C /
- 40 F - + 185 F · ANSI/CSA NGV 4.2-2014 CSA 12.52 Class D · Made in Italy · <QQ/YY> · <Batch No>

Testing: Each hose is hydraulic pressure tested with two times the MAWP (2 x 5,000 psi = 10,000 psi) and labeled with the prescribed ring tag. Each hose assembly is sent with a warning label.

Lining: PA, black, electrically conductive, diffusion resistant

Reinforcements: Aramid and synthetic fiber braids

Cover: PU – orange, pricked - flame and abrasion resistant, ozone, UV and aging resistant

PART NUMBERS

TYPE	HOSE CONNECTION	PART NUMBER
CNG 20	3/4" NPT male	CNG 20 L1= x.xx ft 3/4" NPT male 3/4" NPT male
	1 1/16"-12 JIC 37° female (#12 JIC female)	CNG 20 L1= x.xx ft 1 1/16"-12 JIC female 1 1/16"-12 JIC female
	3/4" BSPP 60° female	CNG 20 L1= x.xx ft 3/4" BSPP female 3/4" BSPP female
	3/4" BSPP 60° male	CNG 20 L1= x.xx ft 3/4" BSPP male 3/4" BSPP male
<i>Example for CNG 20, 20 ft, one side with 3/4" NPT male, other side with 1 1/16"-12 JIC female</i>		CNG 20 L1= 20.00 ft 3/4" NPT male 1 1/16"-12 JIC female
CNG 25 (1" hose)	1" NPT male	CNG 25 L1= x.xx ft 1" NPT male 1" NPT male
	1 5/16"-12 JIC 37° female (#16 JIC female)	CNG 25 L1= x.xx ft 1 5/16"-12 JIC female 1 5/16"-12 JIC female
	3/4" BSPP 60° female	CNG 20 L1= x.xx ft 3/4" BSPP female 3/4" BSPP female
	3/4" BSPP 60° male	CNG 20 L1= x.xx ft 3/4" BSPP male 3/4" BSPP male
ADDITIONAL PART NUMBERS / ACCESSORIES		
With anti-kinking sleeve		... + AKS
With Spiral Hose Guard		... + SG

Standard lengths available up to 100 ft (measured from sealing surface to dealing surface). Longer lengths available on request.

CNG 20 and CNG 25 hose assemblies can be equipped optionally with rubber anti-kinking sleeves on both sides and spiral hose guards.

NPT male



JIC 37° female



BSPP 60° female



BSPP 60° male

