

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 +185 °F (-40 °C to +85 °C)	Min. Bending Radius In. (mm)
	≈ kg/m	ID in. (mm)	OD 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 CSA/ANSI NGV 4.2:22 – Hose and hose assemblies for compressed natural gas (CNG) dispensing systems for natural gas vehicles (NGV). Certificate: 80162502.

Marking: Continuous, abrasion resistant as specified in CSA/ANSI NGV 4.2:22

... ELAFLEX · CNG 25 · 1 INCH · CONDUCTIVE · MAWP 350 bar / 5000 PSI · WT -40 C - +85 C /
-40 F - +185 F · CSA/ANSI NGV 4.2:22 · Made in Italy · <QQ/YY> · <Batch No>

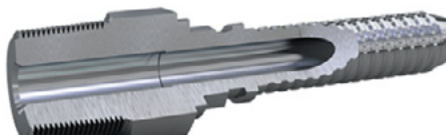



Testing: Each hose is hydraulic pressure tested with two times the MAWP (2 x 5,000 psi = 10,000 psi) and labeled with the prescribed ring tag. Each hose assembly is sent with a warning label.

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	<p>Standard lengths available up to 100 ft (measured from sealing surface to dealing surface). Longer lengths available on request.</p> <p>CNG 20 and CNG 25 hose assemblies can be equipped optionally with rubber anti-kinking sleeves on both sides and spiral hose guards.</p> <p>NPT male</p>  <p>JIC 37° female</p>  <p>BSPP 60° female</p>  <p>BSPP 60° male</p> 
	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	