

**No. CNG9, CAG9, CSG9  
BIOFUEL and BIODIESEL COMPOSITE HOSES**



Part Number	Inside Diameter	Outside Diameter	Bend Radius	Weight LB/FT	Working Pressure	Standard Length	Available Length
CNG-100	1"	1-1/2"	4"	.5	200 PSI	60'	80'
CNG-150	1-1/2"	2"	5-1/2"	.8	200 PSI	60'	80'
CNG-200	2"	2-1/2"	7"	1.3	200 PSI	60'	80'
CNG-250	2-1/2"	3"	8"	1.7	200 PSI	66'	80'
CNG-300	3"	3-1/2"	11"	3.0	200 PSI	60'	80'
CNG-400	4"	4-1/2"	15-1/2"	3.2	200 PSI	60'	80'
CNG-400 †	4"	5"	16"	4.3	200 PSI	60'	80'
CNG-600 †	6"	7"	20"	7.2	200 PSI	60'	100'
CNG-800 †	8"	9-1/2"	30"	10.0	200 PSI	60'	80'

† Meets BS5842: 1980 & USCG, IMO, ECH, IBC Codes and Regulations

**Inner Wire:** N = Nylon coated steel, A = Aluminum, S = 316 Stainless Steel; **Outer Wire:** G = Galvanized steel  
**Liner:** Polyamide, Nylon.

**Carcass:** Multiple layers of polypropylene fabrics and films.

**Cover:** Abrasion resistant PVC-impregnated fabric.

**Temperature & Range:** -20°C to +80°C, refer to Chemical Compatibility Chart.

**Lengths:** Standard, cut and coupled to client's individual requirements. Longer lengths available upon request.

**Couplings:** Externally swaged: NPT threaded; cam & groove, fixed, floating, reducing flanges, etc..

**Note:** Nitrile, polypropylene, polyvinyl, and tygon materials are vulnerable to problems with used with Biofuels. Brass, bronze, copper, lead, tin and zinc may accelerate the oxidation of diesel and biodiesel fuels, and create fuel insolubles (sediments), or gels and salts when reacted with some fuel components. All lead solders, zinc linings, copper pipes, brass regulators, and any copper fittings should be avoided.

**Recommended:** End fitting material should be stainless steel, carbon steel, or aluminum.

**Conveyants Handled:** Can handle BioDiesel, Biofuel, and, Bioethanol. Composite hose, lined with polyamide (Nylon), provides excellent resistance to both mineral oils, alcohols and the component chemicals which constitute typical Biofuels.

**Recommended For:** Sizes 1" to 8" are lightweight and flexibility are essentially designed for chemical utility hose for chemical plants, refineries, and many other in-plant, liquid transfer operations, also rail car loading and tank truck loading and delivery, storage tank transfer, refinery process, drumming, manifolding, batching and blending. 4:1 Safety Factor, ISO Approved. The hose we offer for these media is the Danoil 9 NG, AG, or SG hose which is available from 1" to 8" bore, maximum working pressure is to 14-Bar (200 PSI) and with its nylon lining possesses excellent resistance to Biodiesel and alcohols.