

LN₂

LOX

LNG

LARG

CO₂

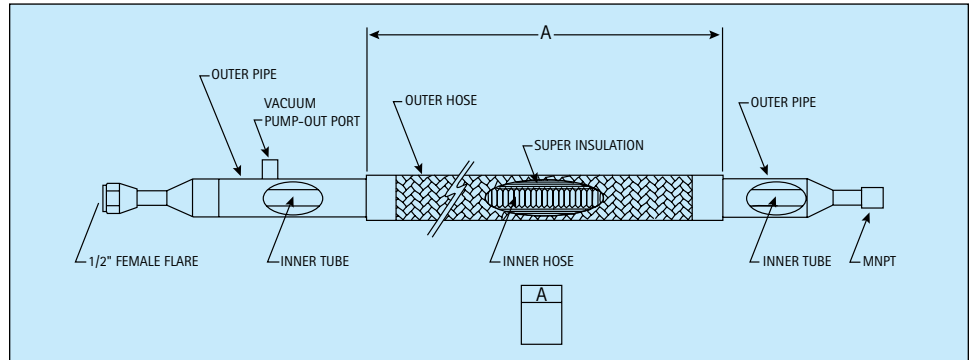
CFCL Series Vacuum Insulated Flexible Hose



3-Legged Line



"S" Curve Line



Standard Flex Line

- Reduced evaporation and the elimination of frost and condensation during transfers
- Vacuum jacket and super insulation for an optimally efficient flexible transfer line
- Built to customer specifications—inner diameters range from 1/8" to 6" and lengths up to 100' in one continuous length¹
- Can be used with ALL liquid cryogenics from LNG to liquid helium (LHe) depending on the end fittings
- A full line of bayonets, pipe threads, compression and custom end fittings are available
- Hose assemblies can be fabricated with full length ARMOR casing or cuffs

I.D. Inner (IN.)	O.D. Outer (IN.)	Inner MAWP* (PSI)		Minimum Bend Radius (IN.)	Heat Leak @80K	
		Non-braided (PSI)	Braided(PSI)		W/M	BTU/HR/FT
.250"	1.2"	75	1785	3.0"	.961	1.00
.375"	1.5"	159	3712	5.0"	.74	.77
.500"	1.8"	116	2958	6.0"	.86	.89
.750"	2.2"	N/A	883	7.0"	1.38	1.44
1.00"	2.7"	N/A	703	12.0"	1.33	1.38
1.25"	3.5"	N/A	630	18.0"	1.60	1.66
1.50"	4.0"	N/A	516	18.0"	2.14	2.23
2.00"	5.0"	N/A	434	24.0"	1.50	1.56

* Pressure ratings based on hose material, end fitting choice may lower MAWP rating



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1. Consult factory for specific length capabilities.