



ULTRA HIGH PURITY GAS
($\text{SiH}_4/\text{NF}_3/\text{SF}_6/\text{N}_2\text{O}$, etc.)

NKAether
Gas . Vapor . Flow

ULTRA HIGH PURITY GAS (SiH₄/NF₃/SF₆/N₂O, etc.)

Skid Length	Item	Tube Q'ty & Length	Working Pressure (bar)	Total Water Capacity (liter)	Total Gas Capacity (air/m ³)
20'	TT08-1045 SiH ₄	8 / 5,335 mm	200	8,360	1,617
	TT12-1045 NF ₃	12 / 5,335 mm	200	12,540	2,426
	TT08-1100 SiH ₄	8 / 5,490 mm	166	8,800	1,439
	TT12-1100 SiH ₄	12 / 5,490 mm	166	13,200	2,159
40'	TT09-2250 NF ₃	9 / 10,980 mm	200	20,250	3,918
	TT08-2310 SiH ₄	8 / 10,980 mm	166	18,480	3,022
	TT05-2330 SF ₆	5 / 10,870 mm	166	11,650	1,905
	TT08-2330 NF ₃	8 / 10,870 mm	166	18,640	3,048
	TT06-2330 N ₂ O	6 / 10,870 mm	166	13,980	2,286



IMDG MEGC

This is specially designed for transportation of dangerous gas in both ocean and land area.

There is a strict regulation for ocean transportation of dangerous gas by MEGC (Multiple Element Gas Container) ruled by IMDG (International Maritime Dangerous Goods). NK Group has type approval of global inspection classes for MEGC and provides MEGC with certificate in compliance with CSC, TIR, UIC, ADR, RID, IMDG, TPED, SELO, KGS, DOT, ISO, KHK. The dangerous gases such as SiH₄ (Monosilane), NF₃ (Nitrogen Trifluoride), SF₆ (Sulphur Hexafluoride), NH₃ (Ammonia), N₂O (Nitrous Oxide), etc. must be filled into a certified MEGC of IMDG for Transportation. For high purity gases such as SiH₄, NF₃, NK Group provides internal polished tube with grade of 3S, 25S, etc. depending on the customers' requirements and keeps the moisture level below than 1ppm or 3ppm by heated vacuum process so that the gas quality can be maintained in high purity.