

The following chart is purely informative and does not imply any responsibility of VENAIR. Our specialists are available to advise you on the most suitable hose for any chemical product.

	S	B	V	P		S	B	V	P		S	B	V	P					
	SILICONE					VENA FOOD / VENA STEAM					VITOSIL					VENAFLOX			
	VENA FOOD / VENA STEAM					VITOSIL					VENAFLOX					VENAFLOX			
> A: EXCELLENT																			
> B: GOOD																			
> C: SMOOTH REACTION																			
> D: NOT RECOMMENDED																			
> E: INCOMPATIBILITY																			
A																			
acetaldehyde	A	A	D	A	ammonium hydroxide (concentrated)	A	A	B	A	ASTM reference fuel A	D	D	A	A					
acetamide	B	A	B	A	ammonium nitrate	E	A	E	A	ASTM reference fuel B	D	D	A	A					
acetic acid 5%	A	A	A	A	ammonium nitrite	B	A	E	A	ASTM reference fuel C	D	D	A	A					
acetic acid 30%	A	A	B	A	ammonium persulfate solution	E	A	E	A	ATL-857	D	D	A	A					
acetic acid, hot high press	C	C	D	A	ammonium persulfate 10%	E	A	E	A	atlantic dominion F	D	D	A	A					
acetic acid, glacial	B	B	D	A	ammonium phosphate	A	A	E	A	aurex 903R mobil	D	D	A	A					
acetic anhydride	C	B	D	A	ammonium phosphate, mono-basic	A	A	E	A	automatic transmission fluid	D	D	A	A					
acetone	B	A	D	A	ammonium phosphate, dibasic	A	A	E	A	automotive brake fluid	C	A	D	A					
acetophenone	D	A	D	A	ammonium phosphate, tribasic	A	A	E	A	B									
acetyl acetone	D	A	D	A	ammonium salts	A	A	C	A	bardol B	D	E	A	A					
acetyl chloride	C	D	A	A	ammonium sulfate	A	A	A	A	barium chloride	A	A	A	A					
acetylene	B	A	A	A	ammonium sulfide	E	A	D	A	barium hydroxide	A	A	A	A					
acetylene tetrabromide	E	A	A	A	amyl acetate	D	A	D	A	barium salts	A	A	A	A					
acrylonitrile	D	D	D	A	amyl alcohol	D	A	B	A	barium sulfate	A	A	A	A					
adipic acid	E	E	E	A	amyl borate	E	D	E	A	barium sulfide	A	A	A	A					
aero lubriplate	B	D	A	A	amyl chloride	D	D	A	A	bayol D	D	D	A	A					
aero safe 2300	C	A	D	A	amyl chloronaphthalene	D	D	A	A	beer	A	A	A	A					
aero safe 2300 w	C	A	D	A	amyl naphthalene	D	D	A	A	beet sugar liquors	A	A	A	A					
aero shell IAC	B	D	A	A	anderol L 774 (di-ester)	D	D	A	A	benzaldehyde	D	A	D	A					
aero shell 7 A grease	B	D	A	A	anderol L 826 (di-ester)	D	D	A	A	benzene	D	D	A	A					
aero shell 17 grease	B	D	A	A	anderol L 829 (di-ester)	D	D	A	A	benzene sulfonic acid	D	D	A	A					
aero shell 750	D	D	A	A	ang-25 (glycerol ester)	B	A	A	A	benzine	D	D	A	A					
aerozene 50 (50% hydrazine 50% UDMH)	A	B	A	A	ang-25 (di-ester base)	B	D	A	A	benzochloride	E	A	A	A					
air-below 300° F	A	D	A	A	anhydrous ammonia	B	A	D	A	benzoic acid	B	D	A	A					
air-above 300° F	D	D	B	A	anhydrous hydrazine	E	B	D	A	benzophenone	E	B	A	A					
alkazene	A	A	D	A	anhydrous hydrogen fluo	E	A	D	A	benzyl alcohol	E	B	A	A					
alum NH3 CR-K	D	A	D	A	aniline	D	B	C	A	benzyl benzoate	E	B	A	A					
aluminum acetate	A	A	A	A	aniline dyes	C	B	B	A	benzyl chloride	D	D	A	A					
aluminum bromide	B	A	A	A	aniline hydrochloride	D	C	B	A	black point 77	C	A	A	A					
aluminum chloride	B	A	A	A	aniline oils	D	B	C	A	black sulphate liquors	B	B	A	A					
aluminum fluoride	B	A	A	A	animal fats	B	B	A	A	blast furnace gas	A	D	A	A					
aluminum nitrate	B	A	A	A	animal oil (lard oil)	B	B	A	A	bleach solution	B	A	A	A					
aluminum phosphate	A	A	A	A	AN-03 grade M	B	D	A	A	borax	B	A	A	A					
aluminum salts	A	A	A	A	AN-0-6	D	D	A	A	bordeaux mixture	B	A	A	A					
aluminum sulfate	A	A	A	A	AN-0-366	D	D	A	A	boric acid	A	A	A	A					
ambrex 33 mobile	D	D	A	A	AN-V V-0-366 b hydrofluid	D	D	A	A	boron fluids (HEF)	D	D	A	A					
amines, mixed	B	B	D	A	ansul ether	D	C	D	A	brake fluid (non petroleum)	C	A	D	A					
ammonia anhydrous(liquid)	C	A	D	A	aqua regia	D	C	B	A	bray GG-130	D	D	A	A					
ammonia gas, cold	A	A	D	A	argon	B	A	A	A	brayco 719-R (VV-H-910)	B	A	D	A					
ammonia gas, hot	A	B	D	A	aroclor 1248	B	B	A	A	brayco 885 MILL-L-6085 A	D	D	A	A					
ammonia & lithium metal solution	D	B	D	A	aroclor 1254	C	B	A	A	brayco 910	D	A	D	A					
ammonium carbonate	E	A	E	A	aroclor 1260	A	E	A	A	bret 710	D	A	D	A					
ammonium chloride	E	A	A	A	aromatic fuel 50%	D	D	A	A	brine	E	A	E	A					
					arsenic acid	A	A	A	A	brom-113	D	D	E	A					
					arsenic trichloride	E	E	E	A	brom-114	D	D	B	A					
					askatel	D	D	A	A	bromine	D	D	A	A					
					asphalt	D	D	A	A	bromine anhydrous	C	E	A	A					
					ASTM oit #1	A	D	A	A	bromine pentafluoride	D	D	D	A					
					ASTM oil #2	D	D	A	A	bromine trifluoride	D	D	D	A					
					ASTM oil #3	C	D	A	A	bromine water	D	D	A	A					
					ASTM oil #4	D	D	A	A	bromobenzene	D	D	A	A					

	S	B	V	P
	SILICONE		VENA FOOD / VENA STEAM	
			VITOSIL	VENAFILON
fuel oil acidic	A	D	A	A
fuel oil #6	A	D	A	A
fumaric acid	B	E	A	A
fuming sulphuric acid (20/25% oleum)	D	D	A	A
furan (fufuran)	E	C	E	A
fufural	D	B	D	A
fufuraldehyde	D	B	D	A
fufuraldehyde	D	B	D	A
fufuraly alcohol	D	B	E	A
furyl carbinol	D	B	E	A
fyrquel A60	C	B	D	A
fyrquel 90, 100, 150, 220, 300 500	A	A	A	A
G				
galic acid	E	B	A	A
gasoline	D	D	A	A
gelatin	A	A	A	A
grilling brake fluid	E	A	D	A
glacial acetic-acid	B	B	D	A
glauber's salt	E	B	B	A
glucose	A	A	A	A
glue (depending on type)	A	A	A	A
glycerine-glycerol	A	A	A	A
glycols	A	A	A	A
green sulphate liquor	A	A	A	A
gulfcrown grease	D	D	A	A
gulf endurance oils	D	D	A	A
gulf FR fluids (emulsion)	D	D	A	A
gulf FRG-fluids	A	A	A	A
gulf FRp-fluids	A	B	B	A
gulf harmony oils	D	D	A	A
gulf high temperature grease	D	D	A	A
gulf lesion oils	D	D	A	A
gulf paraount oils	D	D	A	A
gulf security oils	D	D	A	A
H				
halotane	D	D	A	A
halowax oil	D	D	A	A
hannifin lube A	B	D	A	A
heavy water	A	A	E	A
HEF-2 (high energy fuel)	D	D	A	A
helium	A	A	A	A
N-heptane	D	D	A	A
N-hexaldehyde	B	B	D	A

	S	B	V	P
hexane	D	D	A	A
N-hexane-1	D	D	A	A
hexyl alcohol	B	C	A	A
high viscosity lubricant U14	A	A	A	A
high viscosity lubricant H2	A	A	A	A
hilo MS #1	C	B	D	A
houghto-safe271 (water and glycol base)	B	A	B	A
houghto-safe 620(water/glycol)	B	A	B	A
houthto-safe 1010 phosphate ester	C	A	A	A
houghto-safe 1055 phosphate ester	C	A	A	A
houghto-safe 1120 phosphate ester	C	A	A	A
houghto-safe 5040 (water/oil emulsion)	C	D	A	A
hydraulic oil (petroleum-base)	C	D	A	A
hydrazine	C	A	E	A
hydrobromic acid	D	A	C	A
hydrobromic acid 40%	D	A	A	A
hydrocarbons (saturated)	D	D	A	A
hydrochloric acid hot 37%	D	C	A	A
hydrochloric acid cold 37%	B	A	A	A
hydrochloric acid 3 molar	D	A	A	A
hydrochloric acid concentrated	D	C	A	A
hydrocyanic acid	C	A	A	A
hydro-drive, MIH-50 (petroleum base)	B	D	A	A
hydro-drive, MIH-10 (petroleum base)	B	D	A	A
hydrofluoric acid, 65% max. cold	D	A	A	A
hydrofluoric acid, 65% min. cold	D	C	A	A
hydrofluoric acid, 65% max. hot	D	D	C	A
hydrofluoric acid, 65% min. hot	D	D	C	A
hydrofluosilicic acid	D	A	A	A
hydrogen gas, cold	C	A	A	A
hydrogen gas, hot	C	A	A	A
hydrogen peroxide (1)	A	A	A	A
hydrogen 90% (1)	B	C	B	A
hydrogen sulfide dry, cold	C	A	D	A
hydrogen sulfide dry, hot	C	A	D	A
hydrogen sulfide wet, cold	C	A	D	A
hydrogen sulfide wet, hot	C	A	D	A
hydrolube-water/ethylene glycol	B	A	A	A
hydroquinone	E	D	D	A
hydyne	D	A	D	A
hyjet	E	A	D	A
hyjet III	E	A	D	A
hyjet S	E	A	D	A
hyjet W	E	A	D	A
hydrochlorous	E	B	A	A
I				
industron FF44	D	D	A	A
industron FF48	D	D	A	A

	S	B	V	P
industron FF53	D	D	A	A
industron FF80	D	D	A	A
iodine	E	B	A	A
iodine pentafluoride	D	D	D	A
iodoform	E	A	E	A
isobutyl alcohol	A	A	A	A
iso-butyl N-butyrate	E	A	A	A
isododecane	E	D	A	A
iso-octane	D	D	A	A
isophorone (ketone)	D	A	D	A
isopropanol	A	A	A	A
isopropyl acetate	D	B	D	A
isopropyl alcohol	A	A	A	A
isopropyl chloride	D	D	A	A
isopropyl ether	D	D	D	A
J				
JP 3 (MIL-J-5624)	D	D	A	A
JP 4 (MIL-J-5624)	D	D	A	A
JP 5 (MIL-J-5624)	D	D	A	A
JP 6 (MIL-J-25656)	D	D	A	A
JP X (MIL-J-25604)	D	D	D	A
kel F liquid	A	A	B	A
kerosene	D	D	A	A
keystone #87HX-grease	D	D	A	A
L				
lactams-amino acids	E	B	D	A
lactic acid	A	A	A	A
lacquers	D	D	D	A
lacquer solvents	D	D	D	A
lard, animals fats	B	D	A	A
lavender oil	D	D	A	A
lead acetate	D	A	D	A
lead nitrate	B	A	E	A
lead sulphamate	B	A	A	A
lehigh x 1169	D	D	A	A
lehigh x 1170	D	D	A	A
light greas	D	D	A	A
ligroin (petroleum ether or benzine)	D	D	A	A
lime bleach	B	A	A	A
lime sulphur	A	A	A	A
lindol, hydraulic fluid (phosphate ester type)	C	A	B	A
linoleic acid	B	D	B	A
linseed oil	A	C	A	A
liquid oxygen	D	D	D	A
liquid petroleum gas (LPG)	C	D	A	A
liquimoly	D	D	A	A
lubricating oils, di-ester	D	D	A	A
lubricating oils, petroleum base	D	D	A	A
lye solutions	B	A	B	A
M				
magnesium chloride	A	A	A	A

