This chemical resistance chart is a comprehensive listing of chemicals, concentrations and pipe resistance at two temperatures. In all cases, S at higher temperatures should be considered there is variable resistance.

CODE: **R = Resistant**
VR = Variable resistance, depending on conditions* NR = Not resistant

O = Oxidizer
P = Plasticizer
SC = Potential stress-cracker

***The classification "variable resistance" is very broad. Depending on the nature of the chemical, its concentration, the service temperature and pressure and the time of exposure, KONTI KAN SPIRAL pipe can be either very resistant or very susceptible to attack. Therefore, when KONTI KAN SPIRAL is said to have variable resistance to a chemical, it is strongly recommended that caution be exercised and that the specific application be discussed with a technical representative of producer.**

		23°C	60°C			23°C	60°C
Acetic acid, 20%	SC	R	R	Hydrogen sulfide		R	R
Acetic acid, 80%	SC	VR	NR	Hypochlorous acid		R	R
Acetone	SC	NR	NR	Iodine, ale. sol.		NR	NR
Alcohol, ethyl		R	VR	Isooctane	P	VR	VR
Alcohol, isopropyl		R	R	Kerosene	P	NR	NR
Alcohol, methyl		R	R	Ketones		R	VR
Aluminum salts		R	R	Lactic acid, 25%		R	R
Alums		R	R	Lead acetate		R	R
Ammoniacal liquor		R	R	Linseed Oil		NR	NR
Amyl acetate		VR	NR	Lubricating oils	P	VR	NR
Aniline		R	R	Magnesium salts		R	R
Aqua Regia	O	NR	NR	Maganese sulface		VR	VR
Arsenic acid, 80%		R	R	Mercury		R	R
Barium salts		R	R	Methyl bromide		NR	NR
Beer		R	R	Methyl chloride		NR	NR
Benzone (benzol)	P	NR	NR	Methyl cyclohexane	P	VR	VR
Benzole acid		R	R	Methyl ethyl ketone		R	R
Bleach plant wastes		R	R	Mineral oils	P	VR	NR
Bleach 12.5% active chlorine		R	NR	Mixed acids (sulfuric & Nitric)	P	NR	NR
Bleach 5.5% active chlorine		R	NR	Mixed acids (sulfuric & phosphoric)	P	R	VR
Boric acid		R	R	Molasses		R	R
Bromine, liquid	O	NR	NR	Monochlorobenzene		NR	NR
Bromic acid		NR	NR	Naphtha	P	VR	NR
Brine		R	R	Nitric acid, 0 - 50%		R	VR
Butadiene		R	VR	Nitric acid, 60%	O	VR	NR
Butane		R	R	Nitric acid, fuming	O	NR	NR
Butylene		R	R	Nitrous acid		R	NR
Calcium salts		R	R	Oil, animal & vegetable	P	NR	NR
Calcium hydroxide		R	R	Oleic acid		NR	NR
Calcium hypochlorite		R	R	Oleum		NR	NR
Carbon disulfide	P	NR	NR	Oxalic acid		R	R
Carbon tetrachloride	P	N	NR	Paraffin		VR	NR
Chloric acid, 20%		R	NR	Perchloric acid, 10 - 70%		R	R
Chlorinated water		R	R	Petroleum, crude asphaltic		NR	NR
Chlorine (gas or liquid)	O	NR	NR	Petroleum, crude paraffinic		NR	NR
Chlorobenzene	P	NR	NR	Phenol		VR	NR
Chloroform		NR	NR	Phosgene, gas		VR	VR
Chromic acid, 50%		R	R	Phosgene, liquid		NR	NR
Copper salts		R	R	Potassium salts		R	R
Corn Oil		R	VR	Potassium permanganate, 25%		VR	VR
Cresol	P	NR	NR	Propylene glycol		R	R
Creosote, coatings	P	NR	NR	Pulp-mill wastes (red & black liquor)		R	R
Cyclohexane	P	R	VR	Sea water		R	R
Cyclohexanol	P	NR	NR	Sewage, residential		R	R
Detergent, synthetic	SC	R	R	Silicic acid		R	R
Developers, photographic		R	R	Silicone oil		R	VR
Dextrin		R	R	Silver salts		R	R
Dichloroacetic acid		R	R	Soap solution (concentrated)		R	R
Dichlorobenzene	P	VR	NR	Sodium salts		R	R

Dichloroethylene	P	NR	NR	Sodium chlorite		VR	NR
Diesel fuels	P	R	VR	Sodium chlorate		R	VR
Diethylene glycol		R	R	Sodium hydroxide (caustic soda)		R	R
Dimethylamine		VR	VR	Sodium hypochlorite		R	R
Ethers		NR	NR	Stannous chloride		R	R
Ethylene glycol		R	R	Starch solution		R	R
Ethylene dichloride		NR	NR	Stearic acid		R	R
Fatty acids		NR	NR	Sulfite liquor		R	R
Ferric salts		R	R	Sulfur dioxide		R	R
Ferrous salts		R	R	Sulfuric acid, 0 - 90%		R	NR
Flourine, aqueous		VR	NR	Sulfuric acid, 90-100%	O	NR	NR
Formaldehyde		R	R	Sulfurous acid		R	R
Formic acid	O	R	NR	Tannic acid		R	R
Fuel oil	P	VR	NR	Tartaric acid		R	R
Furfural		NR	NR	Tetrabromoethane	P	NR	NR
Gas, natural methane		R	R	Tetrachloroethane	P	NR	NR
Gasoline	P	NR	NR	Tetrahydrofuran	P	NR	NR
Gelatin		R	R	Toluene	P	NR	NR
Glycerine		R	R	Transformer oil	P	VR	VR
Glycols		R	R	Trichloroethylene		NR	NR
Glycolic acid		R	R	Turpentine	P	VR	NR
Heating oil	P	VR	VR	Urea		R	R
Hexane		R	VR	Vinegar		R	R
Hydrobromic acid, 20%		R	R	Whiskey		R	R
Hydrochloric acid, 30%		R	VR	Xylene		NR	NR
Hydrofluoric acid, 10%		R	R	Zinc salts		R	R
Hydrogen peroxide, 90%		R	NR				