

DURLON®

NON-ASBESTOS GASKETING CHEMICAL RESISTANCE CHART

- A - Acceptable
- C - Caution – Depends on Conditions
- NS - Not Suitable

The following information is a general guide only for the selection of a suitable gasket material as there are unlimited combinations of fluid, pressure and temperature conditions. The substances listed are evaluated for their effect on the gasket at ambient temperature (-40°F to 90°F) unless stated otherwise.

FLUID	Compressed					PTFE				Flexible Graphite			
	8300	8400	8500	8600	8700	9000	9200W	9400	9600	FGS95	FGLPE	FGL316	FGT316
Acetaldehyde	NS	C	C	C	C	A	A	A	A	A	NS	C	C
Acetic Acid, Glacial	C	C	C	C	C	A	A	A	A	A	C	A	A
Acetic Acid, 37%	A	A	A	A	A	A	A	A	A	A	C	A	A
Acetic Anhydride	A	C	C	C	C	A	A	A	A	A	NS	C	C
Acetone	C	C	C	C	C	A	A	A	A	A	NS	A	A
Acetonitrile	NS	NS	NS	NS	C	A	A	A	A	NS	NS	NS	NS
Acetylene	A	A	A	C	A	A	A	A	A	A	NS	C	C
Acrolein	C	C	C	NS	C	A	A	A	A	NS	NS	NS	NS
Acrylic Acid	NS	NS	NS	NS	NS	A	A	A	A	A	NS	NS	NS
Acrylonitrile	NS	NS	NS	NS	NS	A	A	A	A	A	C	C	C
Air	A	A	A	A	A	A	A	A	A	A	A	A	A
Alum	A	A	A	A	A	A	A	A	A	A	C	C	C
Aluminum Acetate	A	A	A	A	A	A	A	A	A	C	C	C	C
Aluminum Hydroxide	A	A	A	A	A	A	A	A	A	A	C	C	C
Aluminum Nitrate	C	C	C	C	C	A	A	NS	A	C	NS	NS	NS
Aluminum Sulfate	A	A	A	A	A	A	A	A	A	A	C	NS	NS
Amines	C	C	C	A	C	A	A	A	A	A	C	A	A
Ammonia, Gas<150°F	A	A	A	A	A	A	A	A	A	A	C	C	C
Ammonia, Gas>150°F	NS	NS	NS	NS	C	A	A	A	A	A	NS	NS	NS
Ammonia, Liquid, Anhydrous	C	C	C	C	A	A	A	A	A	A	NS	A	A

FLUID	Compressed					PTFE				Flexible Graphite			
	8300	8400	8500	8600	8700	9000	9200W	9400	9600	FGS95	FGLPE	FGL316	FGT316
Ammonium Bisulfite	A	A	A	C	A	A	A	A	A	NS	NS	NS	NS
Ammonium Chloride	A	A	A	A	A	A	A	A	A	A	A	C	C
Ammonium Hydroxide	A	A	A	A	A	A	A	A	A	A	C	C	C
Ammonium Nitrate	C	C	C	C	C	A	A	NS	A	A	A	C	C
Amyl Chloride	A	NS	NS	A	NS	A	A	A	A	A	NS	C	C
Aniline, Aniline Oil	NS	NS	NS	NS	NS	A	A	A	A	A	NS	C	C
Aqua Regia	NS	NS	NS	NS	NS	A	A	NS	A	NS	NS	NS	NS
Arsenic Acid	A	A	A	A	A	A	A	A	A	A	NS	C	C
Asphalt	A	A	A	NS	NS	A	A	A	A	A	C	A	A
Aviation Fuels	A	A	A	NS	C	A	A	A	A	A	NS	A	A
Barium Chloride	A	A	A	A	A	A	A	A	A	A	NS	C	C
Beer	A	A	A	A	A	A	A	A	A	A	A	A	A
Benzaldehyde	NS	NS	NS	NS	NS	A	A	A	A	A	C	A	A
Benzene (Benzol)	NS	NS	NS	NS	NS	A	A	A	A	A	NS	C	C
Benzoic Acid	NS	NS	NS	NS	NS	A	A	A	A	A	NS	C	C
Benzoyl Chloride	NS	NS	NS	NS	NS	A	A	A	A	C	NS	NS	NS
Benzyl Alcohol	NS	NS	NS	NS	C	A	A	A	A	A	NS	C	C
Benzyl Chloride	NS	NS	NS	NS	NS	A	A	A	A	C	NS	NS	NS
Black Sulfate Liquor<350°F	NS	A	A	C	C	A	A	A	A	C	NS	C	C
Black Sulfate Liquor>350°F	NS	C	NS	NS	NS	A	A	A	A	NS	NS	NS	NS
Bleach Solutions	C	A	C	C	C	A	A	A	A	C	NS	NS	NS
Boiler Feed Water	A	A	A	A	A	A	A	A	A	A	A	A	A
Borax	A	A	A	A	A	A	A	A	A	A	C	A	A
Boric Acid	A	A	A	A	A	A	A	A	A	A	C	C	C
Brine	A	A	A	A	A	A	A	A	A	A	A	C	C
Butadiene	NS	NS	NS	NS	NS	A	A	A	A	A	NS	C	C
Butane	A	A	A	NS	C	A	A	A	A	A	NS	C	C
2-Butanone	NS	NS	NS	NS	NS	A	A	A	A	A	C	A	A
Butyl Acetate	NS	C	NS	NS	NS	A	A	A	A	A	C	A	A
Butyl Alcohol (Butanol)	A	A	A	A	A	A	A	A	A	A	C	C	C
n-Butyl Amine	C	C	C	NS	NS	A	A	A	A	C	NS	C	C
tert-Butyl Amine	C	C	C	NS	NS	A	A	A	A	C	NS	C	C
Butyl Methacrylate	NS	NS	NS	NS	NS	A	A	A	A	C	NS	NS	NS
Butylene (butene)	A	A	A	NS	C	A	A	A	A	A	NS	A	A
Butyric Acid	A	A	A	C	C	A	A	A	A	A	C	C	C

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	8300	8400	8500	8600	8700	9000	9200W	9400	9600	FGS95	FGLPE	FGL316	FGT316
Calcium Bisulfite	A	A	A	NS	C	A	A	A	A	A	C	A	A
Calcium Carbonate	A	A	A	A	A	A	A	A	A	A	C	C	C
Calcium Chloride	A	A	A	A	A	A	A	A	A	A	C	C	C
Calcium Hydroxide	A	A	A	A	A	A	A	A	A	A	C	C	C
Calcium Hypochlorite	C	A	C	C	C	A	A	A	A	A	NS	C	C
Calcium Nitrate	C	C	C	C	C	A	A	NS	A	C	NS	C	C
Caprolactam	NS	NS	NS	NS	NS	A	A	A	A	NS	NS	NS	NS
Carbon Dioxide, dry	A	A	A	C	C	A	A	A	A	A	A	A	A
Carbon Dioxide, wet	A	A	A	C	C	A	A	A	A	A	NS	C	C
Carbon Disulfide	NS	C	NS	NS	NS	A	A	A	A	A	NS	C	C
Carbon Monoxide	A	A	A	NS	NS	A	A	A	A	A	A	A	A
Carbon Tetrachloride	NS	C	C	NS	NS	A	A	A	A	C	NS	NS	NS
Caustic Soda (NaOH)	NS	A	C	C	NS	A	A	A	A	C	NS	C	C
Chlorine, gas (dry) *	C	NS	NS	NS	NS	A	A	A	A	A	NS	C	C
Chlorine, liquid (dry) *	NS	NS	NS	NS	NS	A	A	A	A	A	NS	NS	NS
Chlorine (wet) *	NS	C	NS	NS	NS	A	A	A	A	A	NS	NS	NS
Chlorine Dioxide	NS	NS	NS	NS	NS	A	A	NS	A	C	NS	NS	NS
Chlorobenzene	NS	NS	NS	NS	NS	A	A	A	C	A	NS	C	C
Chloroethane	NS	NS	NS	NS	NS	A	A	A	A	A	C	A	A
Chloroethylene	NS	NS	NS	NS	NS	A	A	A	A	A	NS	C	C
Chloroform	C	A	C	NS	NS	A	A	A	A	A	NS	A	A
Chromic Acid	NS	NS	NS	NS	NS	A	A	NS	A	A	NS	C	C
Citric Acid	A	A	A	A	A	A	A	A	A	A	A	A	A
Coal Gas	NS	NS	NS	A	C	A	A	A	A	A	C	A	A
Copper Sulfate	A	A	A	A	A	A	A	A	A	A	A	C	C
Corn Oil	A	C	C	NS	C	A	A	A	A	A	A	A	A
Cotton Seed Oil	A	A	A	NS	C	A	A	A	A	A	A	A	A
Creosote (Coal Tar, Tar Oil)	A	A	A	NS	NS	A	A	A	A	A	NS	C	C
Cresol	C	A	C	NS	NS	A	A	A	A	A	NS	A	A
Crude Oil	A	A	A	NS	C	A	A	A	A	A	NS	A	A
Cumene	NS	NS	NS	NS	C	A	A	A	A	NS	NS	NS	NS
Cyclohexane	A	A	C	NS	C	A	A	A	A	A	C	A	A
Cyclohexanone	NS	NS	NS	NS	NS	A	A	A	A	A	NS	A	A
Detergent Solutions	A	A	A	A	A	A	A	A	A	A	A	A	A
Diacetone Alcohol	NS	NS	NS	NS	NS	A	A	A	A	A	NS	C	C
Diazomethane	NS	NS	NS	NS	NS	A	A	A	A	NS	NS	NS	NS

* Durlon 9000 is listed in Pamphlet 95 of The Chlorine Institute, as an acceptable gasket material for dry chlorine service.

FLUID	Compressed					PTFE				Flexible Graphite			
	8300	8400	8500	8600	8700	9000	9200W	9400	9600	FGS95	FGLPE	FGL316	FGT316
Dibenzyl Ether	NS	C	C	NS	NS	A	A	A	A	A	NS	NS	NS
Dibutylamine	C	C	C	NS	C	A	A	A	C	C	NS	C	C
1,4-Dichlorobenzene	NS	NS	NS	NS	NS	A	A	A	A	C	NS	NS	NS
3,3-Dichlorobenzidene	NS	NS	NS	NS	NS	A	A	A	A	NS	NS	NS	NS
Dichlorobenzidene	NS	NS	NS	NS	NS	A	A	A	A	NS	NS	NS	NS
1,1-Dichloroethylene	NS	NS	NS	NS	NS	A	A	A	A	A	NS	A	A
Dichloroethyl Ether	NS	NS	NS	NS	NS	A	A	A	A	C	NS	NS	NS
Dichloromethane	NS	NS	NS	NS	NS	A	A	A	A	A	NS	NS	NS
Diesel Fuel	A	A	A	C	C	A	A	A	A	A	NS	A	A
Diethyl Carbonate	NS	NS	NS	NS	NS	A	A	A	A	A	NS	NS	NS
Dimethyl Acetamide	NS	C	NS	NS	NS	A	A	A	A	C	NS	C	C
Dimethylformamide	NS	C	NS	NS	NS	A	A	A	NS	NS	NS	NS	NS
Dioxane	NS	NS	NS	NS	NS	A	A	A	A	A	A	C	C
Dowtherm A, E	NS	C	C	NS	NS	A	A	A	A	A	NS	A	A
Epichlorohydrin	NS	NS	NS	NS	NS	A	A	A	A	A	C	C	C
Ethane	A	A	A	C	C	A	A	A	A	A	NS	A	A
Ethyl Acetate	C	C	C	C	NS	A	A	A	A	A	NS	A	A
Ethyl Alcohol (Ethanol)	A	A	A	A	A	A	A	A	A	A	C	A	A
Ethylbenzene	NS	NS	NS	NS	NS	A	A	A	A	A	C	A	A
Ethylchloride	NS	NS	NS	NS	NS	A	A	A	A	A	C	A	A
Ethylene	A	A	A	NS	C	A	A	A	A	A	A	A	A
Ethylene Dichloride (EDC)	NS	NS	NS	NS	NS	A	A	A	A	A	NS	NS	NS
Ethylene Glycol	A	A	A	A	A	A	A	A	A	A	A	C	C
Ethyl Ether	C	C	C	NS	C	A	A	A	A	C	NS	NS	NS
Ethylene Oxide	NS	NS	NS	NS	NS	A	A	A	A	A	A	C	C
Fatty Acids	A	A	A	NS	C	A	A	A	A	A	NS	A	A
Ferric Chloride	A	A	A	A	A	A	A	A	A	A	NS	NS	NS
Ferrous Chloride	A	A	A	A	A	A	A	A	A	A	NS	NS	NS
Fluorine (Gas, Liquid)	NS	NS	NS	NS	NS	NS	NS	NS	NS	C	NS	NS	NS
Formaldehyde	A	C	A	C	C	A	A	A	A	A	C	A	A
Formic Acid	NS	NS	NS	C	A	A	A	A	A	A	C	C	C
Freon (See Refrigerants)	-	-	-	-	-	-	-	-	-	-	-	-	-
Fuel Oil	A	A	A	NS	C	A	A	A	A	A	NS	A	A
Gas – Natural	A	A	A	NS	A	A	A	A	A	A	A	A	A
Gasoline	A	A	A	NS	NS	A	A	A	A	A	C	C	C
Glucose	A	A	A	A	A	A	A	A	A	A	C	A	A

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	8300	8400	8500	8600	8700	9000	9200W	9400	9600	FGS95	FGLPE	FGL316	FGT316
Glycerin (Glycerol)	A	A	A	A	A	A	A	A	A	A	A	A	A
Green Sulfate Liquor	C	C	C	NS	C	A	A	A	A	C	NS	C	C
Glycol	A	A	A	A	A	A	A	A	A	A	A	C	C
Heptane	A	A	A	NS	C	A	A	A	A	A	C	A	A
Hexane	A	A	A	NS	C	A	A	A	A	A	C	A	A
Hydraulic Oil (mineral)	A	A	A	C	C	A	A	A	A	C	NS	C	C
Hydraulic Oil (phosphate ester)	C	C	C	NS	NS	A	A	A	A	C	NS	C	C
Hydrazine	C	C	C	C	C	A	A	A	A	A	NS	A	A
Hydrochloric Acid, 30%	NS	C	NS	NS	NS	A	A	A	A	A	NS	NS	NS
Hydrochloric Acid, Conc	NS	C	NS	NS	NS	A	A	A	A	A	NS	NS	NS
Hydrofluoric Acid, (<150°F)	NS	NS	NS	NS	NS	NS	A	A	A	A	NS	NS	NS
Hydrofluoric Acid, (>150°F)	NS	NS	NS	NS	NS	NS	NS	A	A	C	NS	NS	NS
Hydrogen	A	A	A	A	A	A	A	A	A	A	A	A	A
Hydrogen Chloride, (dry)	A	NS	NS	NS	NS	A	A	A	A	A	NS	NS	NS
Hydrogen Fluoride, (HF, anhydrous)	NS	NS	NS	NS	NS	NS	NS	A	A	A	NS	NS	NS
Hydrogen Peroxide, 10%	C	C	C	C	C	A	A	A	A	NS	NS	NS	NS
Hydrogen Sulfide (dry)	A	A	C	C	A	A	A	A	A	A	A	A	A
Hydrogen Sulfide, (wet)	C	C	C	NS	C	A	A	A	A	A	NS	A	A
Hydroquinone	NS	NS	NS	C	NS	A	A	A	A	A	NS	NS	NS
Iodine	A	A	A	A	NS	A	A	A	A	NS	NS	NS	NS
Isobutane	A	A	A	NS	C	A	A	A	A	A	NS	C	C
Isooctane	A	A	A	NS	C	A	A	A	A	A	A	A	A
Isopropyl Alcohol	A	A	A	A	A	A	A	A	A	A	NS	C	C
Jet Fuel	A	A	A	NS	C	A	A	A	A	A	NS	A	A
Kerosene	A	A	A	NS	C	A	A	A	A	A	NS	A	A
Lacquer Solvents	NS	NS	NS	NS	NS	A	A	A	A	A	NS	A	A
Lactic Acid	A	A	A	A	A	A	A	A	A	A	NS	C	C
Linseed Oil	A	A	A	NS	C	A	A	A	A	A	C	A	A
Lubricating Oil	A	A	A	NS	C	A	A	A	A	A	A	C	C
Magnesium Chloride	A	A	A	A	A	A	A	A	A	C	NS	NS	NS
Magnesium Hydroxide	A	A	A	A	A	A	A	A	A	A	NS	C	C
Magnesium Sulfate	A	A	A	A	A	A	A	A	A	C	NS	C	C
Maleic Acid	A	A	A	C	NS	A	A	A	A	C	NS	C	C
Maleic Anhydride	NS	NS	NS	NS	NS	A	A	A	A	NS	NS	NS	NS
Mercuric Chloride	A	A	A	A	C	A	A	A	A	NS	NS	NS	NS
Mercury	A	A	A	A	A	A	A	A	A	C	C	C	C

FLUID	Compressed					PTFE				Flexible Graphite			
	8300	8400	8500	8600	8700	9000	9200W	9400	9600	FGS95	FGLPE	FGL316	FGT316
Methane	A	A	A	NS	C	A	A	A	A	C	NS	C	C
Methyl Alcohol (Methanol)	A	A	A	A	A	A	A	A	A	A	C	A	A
Methylacrylic Acid	C	C	C	C	C	A	A	A	A	C	NS	NS	NS
Methylene Chloride	NS	NS	NS	NS	NS	A	A	A	A	A	NS	NS	NS
Methyl Ethyl Ketone (MEK)	C	C	C	NS	C	A	A	A	A	A	C	A	A
Methyl Isobutyl Ketone	NS	NS	NS	NS	NS	A	A	A	A	A	C	C	C
Methyl Isocyanate	NS	NS	NS	NS	NS	A	A	A	A	NS	NS	NS	NS
Methyl Methacrylate	NS	NS	NS	NS	NS	A	A	A	A	NS	NS	NS	NS
Milk	A	A	A	A	A	A	A	A	A	A	A	A	A
Mineral Oil	A	A	A	NS	C	A	A	A	A	A	A	A	A
Muriatic Acid (hydrochloric acid)	NS	C	NS	NS	NS	A	A	A	A	A	NS	NS	NS
Naphtha	A	A	A	C	NS	A	A	A	A	A	C	A	A
Naphthalene	NS	NS	NS	NS	NS	A	A	A	A	A	C	A	A
Natural Gas	A	A	A	NS	A	A	A	A	A	A	A	A	A
Nickel Sulfate	A	A	A	A	A	A	A	A	A	A	NS	C	C
Nitric Acid	NS	NS	NS	NS	NS	A	A	NS	A	NS	NS	NS	NS
Nitric Acid, Less than 30%	NS	NS	NS	NS	NS	A	A	NS	A	A	NS	C	C
Nitrogen	A	A	A	A	A	A	A	A	A	A	A	A	A
Nitrogen Dioxide	NS	NS	NS	NS	NS	A	A	NS	A	NS	NS	NS	NS
Nitrogen Tetroxide	NS	NS	NS	NS	NS	A	A	NS	A	NS	NS	NS	NS
Octane	A	A	A	NS	C	A	A	A	A	A	A	A	A
Oil, Crude	A	A	A	NS	C	A	A	A	A	A	NS	A	A
Oil, Mineral	A	A	A	NS	C	A	A	A	A	A	A	A	A
Oleic Acid	C	C	C	NS	C	A	A	A	A	A	A	A	A
Oleum, (fuming sulfuric acid)	NS	NS	NS	NS	NS	A	NS	NS	A	NS	NS	NS	NS
Oxalic Acid	A	A	C	NS	C	A	A	A	A	A	NS	A	A
Oxygen, gas	NS	NS	NS	NS	NS	A	A	A	A	C	NS	C	C
Oxygen, liquid	NS	NS	NS	NS	NS	A	A	A	A	A	NS	A	A
Ozone	NS	NS	NS	NS	NS	A	A	C	A	NS	NS	NS	NS
Paraffin	A	A	A	C	C	A	A	A	A	A	NS	A	A
Pentane	A	A	A	NS	C	A	A	A	A	A	NS	NS	NS
Perchloroethylene	NS	NS	NS	NS	NS	A	A	A	A	A	NS	NS	NS
Petroleum	A	A	A	NS	C	A	A	A	A	A	C	A	A
Phenol	NS	NS	NS	NS	NS	A	A	A	A	A	NS	C	C
Phenylethane (Ethylbenzene)	NS	NS	NS	NS	NS	A	A	A	A	A	C	A	A
Phosphoric Acid, 45%	C	C	C	NS	C	A	A	A	A	C	NS	NS	NS

FLUID	Compressed					PTFE				Flexible Graphite			
	8300	8400	8500	8600	8700	9000	9200W	9400	9600	FGS95	FGLPE	FGL316	FGT316
Phthalic Acid	NS	NS	NS	NS	C	A	A	A	A	A	NS	A	A
Phthalic Anhydride	NS	NS	NS	NS	NS	A	A	A	A	A	NS	A	A
Polyacrylonitrile	A	A	A	A	A	A	A	A	A	A	A	A	A
Potash, Potassium Carbonate	A	A	A	A	A	A	A	A	A	A	NS	C	C
Potassium Chloride	A	A	A	A	A	A	A	A	A	A	C	A	A
Potassium Dichromate	A	A	A	C	C	A	A	A	A	A	NS	C	C
Potassium Hydroxide	C	A	C	C	C	A	A	A	A	NS	NS	NS	NS
Potassium Nitrate	C	C	C	C	C	A	A	C	A	A	C	C	C
Potassium Sulfate	A	A	A	A	A	A	A	A	A	A	C	A	A
Propane	A	A	A	NS	C	A	A	A	A	A	A	A	A
Propylene	NS	NS	NS	NS	NS	A	A	A	A	A	C	A	A
Pydrauls, Skydrols	C	C	C	NS	NS	A	A	A	A	C	NS	C	C
Pyridine	NS	NS	NS	NS	NS	A	A	A	A	A	NS	A	A
Red Sulfite Liquor	NS	NS	NS	NS	NS	A	A	A	A	C	NS	C	C
Re Sulfite Liquor, > 380°F.	NS	NS	NS	NS	NS	C	C	C	C	NS	NS	NS	NS
Refrigerant R-11 **	A	A	A	NS	NS	A	A	A	A	A	A	A	A
Refrigerant R-12 **	A	A	A	C	A	A	A	A	A	A	A	C	C
Refrigerant R-22 **	C	C	C	C	A	A	A	A	A	A	C	A	A
Refrigerant R-113 **	A	A	A	C	A	A	A	A	A	C	C	C	C
Refrigerant HCFC 123 **	NS	C	C	NS	C	A	A	A	A	-	-	-	-
Refrigerant HCFC 124 ***	NS	C	C	NS	A	A	A	A	A	-	-	-	-
Refrigerant HFC 125 ***	C	C	C	NS	A	A	A	A	A	-	-	-	-
Refrigerant HFC 134a ***	A	A	A	C	A	A	A	A	A	-	-	-	-
Refrigerant HCFC 141b	A	A	A	NS	A	A	A	A	A	-	-	-	-
Refrigerant HFC 236fa	A	A	A	NS	A	A	A	A	A	-	-	-	-
Refrigerant Blend HP 62 ***	A	A	A	NS	A	A	A	A	A	-	-	-	-
Refrigerant Blend HP 80	C	C	C	NS	A	A	A	A	A	-	-	-	-
Refrigerant Blend HP 81	C	C	C	NS	A	A	A	A	A	-	-	-	-
Refrigerant Blend 404a ***	A	A	A	NS	A	A	A	A	A	-	-	-	-
Sea Water	A	A	A	A	A	A	A	A	A	A	A	NS	NS
Silver Nitrate	C	A	C	C	C	A	A	A	A	A	NS	C	C
Soap Solutions	A	A	A	A	A	A	A	C	A	A	A	A	A
Soda Ash, (sodium carbonate)	A	A	A	A	A	A	A	A	A	A	C	A	A
Sodium Bicarbonate (Baking Soda)	A	A	A	A	A	A	A	A	A	A	C	A	A
Sodium Bisulfite	A	A	A	A	A	A	A	A	A	A	C	C	C
Sodium Carbonate	A	A	A	A	A	A	A	A	A	A	C	A	A

FLUID	Compressed					PTFE				Flexible Graphite			
	8300	8400	8500	8600	8700	9000	9200W	9400	9600	FGS95	FGLPE	FGL316	FGT316
Sodium Chloride	A	A	A	A	A	A	A	A	A	A	A	C	C
Sodium Hydroxide	C	A	C	C	NS	A	A	A	A	C	NS	C	C
Sodium Hypochlorite	NS	NS	NS	C	C	A	A	C	A	C	C	NS	NS
Sodium Nitrate	A	A	A	C	C	A	A	A	A	C	C	C	C
Sodium Silicate	A	A	A	A	A	A	A	A	A	A	NS	C	C
Sodium Sulfate	A	A	A	A	A	A	A	A	A	A	NS	C	C
Sour Crude Oil	A	A	A	NS	C	A	A	A	A	A	NS	A	A
Soybean Oil	A	A	A	NS	C	A	A	A	A	A	C	A	A
Steam (to 450°F)	A	A	A	A	A	A	A	A	A	A	C	A	A
Steam (over 450°F)	A	A	A	C	C	NS	NS	NS	NS	A	NS	A	A
Stearic Acid	A	A	A	C	A	A	A	A	A	A	C	A	A
Stoddard Solvent	A	A	A	NS	C	A	A	A	A	A	NS	A	A
Styrene	NS	NS	NS	NS	NS	A	A	A	A	A	NS	A	A
Sulfite Liquors	C	A	C	C	C	A	A	A	A	A	NS	C	C
Sulfur (molten)	C	C	C	NS	C	A	A	A	A	A	NS	A	A
Sulfur Dioxide	NS	C	NS	NS	NS	A	A	A	A	A	C	A	A
Sulfuric Acid, 20%	C	NS	NS	NS	NS	A	A	A	A	C	NS	NS	NS
Sulfuric Acid, Conc.	NS	NS	NS	NS	NS	A	C	A	A	NS	NS	NS	NS
Sulfuric Acid, Conc>200°F	NS	NS	NS	NS	NS	A	NS	NS	A	NS	NS	NS	NS
Sulfuric Acid, Fuming (oleum)	NS	NS	NS	NS	NS	A	NS	NS	A	NS	NS	NS	NS
Tar	A	A	A	C	C	A	A	A	A	A	C	A	A
Tetrachloroethane	C	C	C	NS	NS	A	A	A	A	A	C	A	A
Tetrahydrofuran (THF)	NS	NS	NS	NS	NS	A	A	A	A	A	NS	C	C
Toluene	NS	NS	NS	NS	C	A	A	A	A	A	C	A	A
Transformer Oil	A	A	A	NS	C	A	A	A	A	A	NS	C	C
Transmission Fluid	A	A	A	NS	C	A	A	A	A	C	NS	C	C
1,1,2-Trichloroethane	NS	NS	NS	NS	NS	A	A	A	A	A	NS	C	C
Trichloroethylene	C	C	C	NS	NS	A	A	A	A	A	C	A	A
Triethanolamine	C	C	C	C	A	A	A	A	A	C	C	C	C
Turpentine	A	A	A	NS	C	A	A	A	A	A	NS	A	A
Urea	A	A	A	A	A	A	A	A	A	A	NS	C	C
Varsol	A	A	A	NS	NS	A	A	A	A	A	NS	A	A
Vegetable Oil	A	A	A	NS	C	A	A	A	A	A	C	A	A
Vinegar	A	A	A	C	A	A	A	A	A	A	A	A	A
Vinyl Acetate	C	C	C	NS	C	A	A	A	A	A	NS	C	C
Vinyl Chloride	NS	NS	NS	NS	NS	A	A	A	A	A	NS	C	C

FLUID	Compressed					PTFE				Flexible Graphite			
	8300	8400	8500	8600	8700	9000	9200W	9400	9600	FGS95	FGLPE	FGL316	FGT316
Water	A	A	A	A	A	A	A	A	A	A	A	A	A
Whiskey and Wines	A	A	A	A	A	A	A	A	A	A	C	A	A
White Sulfate Liquor	A	A	A	A	A	A	A	A	A	C	NS	C	C
White Spirit	A	A	A	C	C	A	A	A	A	A	NS	A	A
Xylene	NS	NS	NS	NS	NS	A	A	A	A	A	C	C	C
Zinc Chloride	A	A	A	A	A	A	A	A	A	A	C	NS	NS
Zinc Nitrate	C	C	C	C	C	A	A	C	A	A	NS	C	C
Zinc Sulfate	A	A	A	A	A	A	A	A	A	A	NS	A	A

This information is a general guide for the selection of a suitable gasket material. The substances listed above are evaluated for their effect on the gasket at ambient temperature (-40°F to 90°F) unless stated otherwise. For unusual conditions of fluid concentrates, internal pressures or, temperatures, consult your sealing representative. This evaluation is based on laboratory or field tests, or experience; however, no guarantee can be given as to the actual performance experienced by the end user.

There are several fluids used in food which can be sealed by SBR, however, due to flavor pickup, we have used "C" caution, on these products.

Warning: Durlon materials should never be recommended when both temperature and pressure are at the maximum listed the respective material. Properties and applications shown are typical. No application should be undertaken by anyone without independent study and evaluation for suitability. Never use more than one gasket in one flange joint, and never reuse a gasket. Improper use or gasket selection could cause property damage and/or serious personal injury. Data reported in this brochure is a compilation of field testing, field service reports and/or in-house testing. While the utmost care has gone into publishing the information contained herein, we assume no responsibility for errors. Specifications and information contained in this brochure are subject to change without notice. This edition cancels and obsoletes all previous editions.

This Chemical Resistance Chart supercedes and obsoletes all previously issued charts.