

## TUBING

## PLASTIC PIPE

### CORROSION RESISTANCE VALUES

#### for Plastic Tubing

Ratings based on tests at 70°F and should not be exposed to higher temperature without testing

F-5000 Poly Vinyl Chloride

P-1100 Polypropylene

G-Good

U-2000 Polyurethane

D-4000 EVA

L-Limited

E-1000 Low Density Polyethylene

T-7000 Teflon

P-Poor

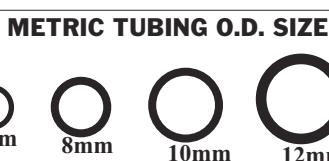
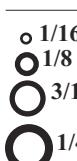
N-6000 Nylon

U-8000 Special Plasticizers PVC

N-Not Tested

FUELS:	F	U	E	N	P	D	T	U	ACIDS & BASES	F	U	E	N	P	D	T
Butane (1).....	G	G	L	G	L	G	G	N	Acetic, 50%.....	G	P	P	L	G	P	G
Diesel Fuel .....	L	G	L	G	L	P	N	G	Boric.....	G	G	G	G	G	G	G
Gasoline (regular) .....	L	G	P	G	L	N	G	G	Carbolic (phenol).....	P	P	G	P	G	P	N
Kerosene .....	L	G	P	G	G	P	G	G	Fatty .....	G	G	P	G	G	N	G
Methane (nat. gas)(1).....	G	G	L	G	G	N	N	N	Formic, 90%.....	G	P	G	P	G	G	G
Propane (1).....	G	G	L	G	L	N	N	N	Hydrochloric, 10%.....	G	G	G	L	G	G	G
OTHERS:									Hydrochloric, 25%.....	G	L	G	P	G	L	G
Acetylene .....	N	G	G	G	G	N	N	N	Hydrochloric, 50%.....	G	L	G	P	G	L	G
Ammonia gas .....	P	G	G	G	G	G	N	N	Hydrocyanic, 50%.....	L	P	G	P	G	G	G
Ammonium salts.....	G	G	G	G	G	G	N	N	Maleic .....	G	P	G	G	G	N	N
Amyl acetate .....	P	P	L	G	P	P	G	N	Nitric, 10%.....	G	P	G	L	G	L	G
Aniline.....	P	P	L	L	G	P	G	N	Nitric, 30%.....	G	P	G	P	L	L	G
Animal oils.....	G	G	P	G	G	N	G	G	Oleic .....	L	G	L	G	G	P	N
Bleach, 7% .....	G	P	G	L	L	N	N	G	Phosphoric, 25% .....	G	L	G	G	G	N	G
Bromine.....	L	G	P	P	P	P	G	N	Sulfuric, 30% .....	G	L	G	L	G	L	G
Butanediol.....	G	G	G	G	N	N	N	N	Sulfuric, 70% .....	L	P	P	P	G	P	G
Calcium salts incl. Chloride....	G	G	G	G	N	G	G	G	Sulfuric, 98% .....	P	P	P	P	G	P	G
Chlorine gas, dry.....	G	G	P	P	P	P	N	N	Sulfurous, 30%.....	G	P	G	L	G	N	G
Dibutyl phthalate.....	N	P	L	G	L	P	N	G	Tannic .....	G	P	G	G	G	N	G
Glucose .....	G	G	G	G	G	G	G	G	Ammonium hydroxide, 25%... P	G	L	G	G	G	N	G
Glycerine.....	G	G	G	G	G	G	N	G	Potassium hydroxide, 25%. L	G	G	G	G	G	G	G
Hydrogen peroxide 10% ....G	G	G	G	G	G	G	G	G	Sodium hydroxide, 50%....G	G	G	G	G	L	G	G
Hydrogen peroxide 25% ....L	G	G	P	G	G	G	G	G	SOLVENTS:							
Hydrogen sulfide.....	G	P	G	L	G	N	G	N	Acetone .....	P	P	G	G	L	P	G
Isocyanates.....	N	G	G	G	N	P	N	N	Benzene .....	P	L	P	G	P	P	G
Lead salts (3).....	G	G	G	G	G	N	N	N	Carbon tetrachloride.....	P	L	L	P	P	P	G
Magnesium salts.....	G	G	G	G	G	N	G	N	Chloroform.....	P	P	P	L	P	P	G
Mercury .....	G	G	G	G	G	G	N	N	Cyclohexanone.....	P	P	P	G	L	P	G
Milk.....	G	G	G	G	G	G	N	G	Dimethylformamide.....	P	P	L	N	G	N	N
Mineral Oil.....	G	G	L	G	L	P	G	G	Dioxane .....	N	N	P	G	L	N	N
Nitrous Oxide (1).....	G	G	L	G	G	N	N	N	Ethyl acetate.....	P	L	G	G	L	P	G
Oxygen (1) .....	G	G	G	G	G	G	G	G	Ethyl alcohol (1) .....	L	G	G	L	G	G	G
Ozone, ambient .....	G	G	L	G	L	N	N	G	Ethyl ether.....	L	L	G	G	L	P	N
Paint, oil base .....	L	G	L	G	G	N	N	G	Ethylene glycol .....	G	G	G	G	G	G	N
Polyglycols.....	G	G	G	G	N	N	N	N	Formaldehyde .....	G	G	G	G	G	L	N
Potassium salts.....	G	G	G	G	G	N	G	N	Freon - 12' .....	L	L	G	G	L	N	G
Pydraul .....	P	P	P	G	N	N	N	N	Methyl alcohol .....	L	G	G	L	G	N	N
Pyridine.....	P	L	G	L	G	N	G	N	Methylene chloride .....	P	P	L	G	L	P	N
Salt Water.....	G	G	G	G	G	G	G	G	Methyl ethyl ketone .....	P	P	G	G	L	P	N
Silver Nitrate.....	G	G	G	G	G	G	G	N	Naphthas (2).....	P	G	P	G	L	P	G
Skydrol.....	P	P	P	G	N	N	N	N	Tolulene .....	P	G	P	G	L	P	N
Soap solution (conc.) .....	G	G	L	G	G	N	G	G	Trichlorethylene.....	P	P	P	L	P	P	G
Sodium salts.....	G	G	G	G	G	N	G	G	Turpentine .....	G	G	P	G	L	P	G
Sodium thiosulphate.....	G	G	G	G	G	N	G	G	Xylene .....	P	G	P	G	L	P	N
Styrene .....	P	G	P	G	N	N	N	G	HYDRAULIC FLUIDS:							
Trisodium phosphate.....	G	G	N	G	G	N	G	N	Diester base grease.....	N	G	P	G	L	P	N
Ucon oil.....	G	G	G	G	N	N	N	N	Petroleum base grease.....	G	G	L	G	L	P	N
Urea.....	G	G	G	G	G	N	G	G	Phosphate ester.....	L	P	P	G	G	N	N
Vegetable oils (1).....	G	G	G	G	G	P	N	G	Polyol ester.....	P	N	P	G	G	N	N
Water at 730F.....	G	G	G	G	G	G	G	G	Water-glycol .....	G	G	G	G	G	N	N
Water at 1400F.....	L	G	G	G	G	G	G	G	SAE motor oils.....	G	G	G	G	G	N	N
Water at 1700F.....	P	L	N	L	G	P	N	G	Machine oil .....	G	G	L	G	L	N	N
Whiskey, wine (1).....	N	G	G	G	G	N	G	N	MIL-L-7808 H .....	G	G	L	G	G	N	N
Zinc Chloride .....	G	G	G	G	G	G	G	N	Brake Fluid.....	N	N	N	N	N	N	N

TUBING



GOODYEAR  
RUBBER PRODUCTS INC.

Call Toll Free: 1-866-711-4673  
WebSales@GoodyearRubberProducts.com

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