

EPDM CHEMICAL RESISTANCE CHART

A=SATISFACTORY
 B=BE EXPECTED TO CHANGE
 C=UNSATISFACTORY

Chemical	Resistance Rating at 68°F	Chemical	Resistance Rating at 68°F
Acetone	A	Hexanol	B
Ammonia	A	Hydrochloric Acid	A
Ammonia Solution	A	Hydrogen Sulfide	C
Ammonium Carbonate	A	Iron Ore	B
Amyl Acetate	B	Iso-Octane	C
Amyl Alcohol	A	Iso-Propyl Alcohol	A
Animal Oil	B	Latex	C
ASTM No. 1-3 Oil	C	Magnesium Chloride	A
Benzene	C	Magnetite Sand	A
Butane	C	Methane	C
Butyl Alcohol	B	Methanol	A
Butyl Acetate	B	Methyl Acetate	B
Butylene Calcium Hydroxide	A	Naptha	C
Carbonic Acid Gas	B	Nierus Acid	B
Carbonic Dioxide	A	Octyl Alcohol	A
Cement	A	Oxygene	A
Citric Acid	A	Phosphoric Acid	A
Coal Tar	C	Phosphoric Slurry	B
Cottonseed Oil	C	Potassium Hydroxide	A
Creasote	C	Potassium Phosphate	B
Crude Oil	C	Propane	C
Cyclo Hexane	B	Propyl Acetate	B
Diesel Oil	C	Propylene	C
Dilute Nitric Acid	C	Silicic Acid	C
Dilute-Sulphuric Acid 50%	B	Sodium Acetate	A
Ethyl Alcohol	A	Soybean Oil	C
Ethylene Glycol	A	Sodium Hydroxide	C
Farma Line	A	Steam	A
Fish Oil	C	Suffurous Acid Gas	A
Formic Acid	A	Toluene	C
Fuel Oil	C	Vegetable Oil	C
Gas	C	Wood Chip	B
Glycerol	A	Xylene	C
Glycol	A	Xylole	C
Grain	A	Zinc Acetate	A
		Zinc Sulfate	A

PROPERTIES OF SPIRALITE® 2000

O=EXCELLENT RESISTANCE
 !=GOOD RESISTANCE
 X=POOR RESISTANCE

Condition	2000 EPDM	Vinyl Suction	Conventional Rubber Suction
Weather Resistance	O	O	X
Aging Resistance	O	!	O
Property Under Low Temperature	!	X	O
Property Under High Temperature	!	!	O
Property of Helix Cracking	O	X	!
Electro Conductivity	O	X	!
Bending Habit	!	X	O
Oil Resistance	X	!	X
Acid Resistance	!	!	X
Alkali Resistance	O	!	O
Agricultural Chemical Resistance	O	!	X

BEND RADIUS DEFINITION

The radius to which a hose can be bent in service without damage or lowering its life which is measured to the inside of the curvature.

