

CHEMICAL RESISTANCE CHART*

WILKURO SAFETY TOES

Wilkuro® Safety Toes Now use a P.V.C. Boot.

Out of 135 standard chemicals tested, the Wilkuro P.V.C. boot consistently outperformed comparable rubber boots. P.V.C. achieved excellent or good scores for chemical resistance in 92 instances. Rubber only achieved these results in 48 instances. P.V.C.—a 192% improvement over rubber!

See the chart *Rubber vs. PVC Total Instances of Each Rating* at the bottom of Page 2 for details.

Legend:

E – EXCELLENT
G – GOOD
F – FAIR
P – POOR

	Rubber	P.V.C.		Rubber	P.V.C.
Acetaldehyde	F	G	Caustic Soda	G	G
Acetic Acid	E	G	Chlorine Water	G	G
Acetone	F	P	Chloroacetone	F	P
Acrylonitrile	F	G	Chloroform	F	F
Ammonia Anhydrous	E	G	Chlorothene	F	F
Ammonium Hydroxide	G	G	Chlorox	G	E
Ammonium Sulfate	E	G	Citric Acid	E	E
Amyl Acetate	F	G	Coal Tar Solvents	P	F
Amyl Alcohol (Fusel Oil)	G	E	Coconut Oil	P	G
Animal Fats	P	G	Copper Chloride	F	G
Aniline	F	G	Copper Sulfate	F	G
Battery Acid	P	G	Cottonseed Oil	P	G
Benzaldehyde	F	F	Cutting Oil	P	F
Benzene (Benzol)	P	P	Cyclohexane	P	P
Benzol (Benzene)	P	P	Cyclohexanone	P	P
Benzyl Alcohol	P	E	Diacetone Alcohol	F	G
Benzyl Chloride	P	F	Dibenzyl Ether	F	G
Butane	F	F	Dibutyl Phthalate	G	G
Butter	F	G	Diethylphthalate	P	F
Buttermilk	F	E	Diesel Fuel	P	G
Butyraldehyde	F	F	Diethanolamine	F	G
Butyl Acetate	F	G	Diisobutylene	F	P
Butyl Alcohol	E	G	Ethyl Acetate	F	F
Calcium Chloride	E	G	Ethyl Alcohol	G	E
Calcium Hypochlorite	G	G	Ethylene Glycol	G	G
Carbolic Acid	E	E	Ethyl Ether	G	P
Carbon Disulfide	F	G	Ethyl Formate	G	F
Carbon Tetrachloride	P	F	Ferric Chloride	G	G
Carbonic Acid	F	G	Formaldehyde	G	G
Castor Oil	E	G	Formic Acid	E	E
Caustic Potash	G	G	Furfural	F	G

*This Chemical Resistance Comparison chart is provided as a guide for qualified professionals who recommend, select, specify or otherwise determine the suitability of products for worker safety. As such, the Chemical Resistance Comparison chart is advisory only. The suitability of a product for a specific application must be determined and tested by the purchaser.

	Rubber	P.V.C.		Rubber	P.V.C.
Fusel Oil (Amyl Alcohol)	G	E	Olive Oil	F	G
Gasoline (Cracked)	P	F	Paint Remover	F	F
Gasoline (SR)	P	F	Perchlorethylene	P	P
Glycerine	E	G	Perchloric Acid	F	G
Grease (All Kinds)	P	G	Petroleum Oils	P	G
Hexane	F	F	Petroleum Solvent	P	F
Hydraulic Fluids			Phosphoric Acid 20%	F	G
(Petroleum Base)	P	F	Pine Oil	P	G
Hydraulic Fluids	G	P	Potassium Dichromate	F	G
(Phosphate Ester)			Potassium Hydroxide	G	G
Hydraulic Fluids	G	G	Potassium Permanganate	F	F
(Silicate Ester)			Propane	F	G
Hydraulic Fluids	G	G	Propyl Acetate	F	F
(Water Glycol)			Propyl Alcohol	G	E
Hydrobromic Acid	G	G	Silicone Oil 220	F	G
Hydrochloric Acid	F	G	Skydrol #500	P	P
Hydrofluoric Acid	P	G	Soaps	F	G
Hydrofluoric Acid (Hot)	P	G	Sodium Chloride	G	G
Hydrogen Peroxide	G	E	Sodium Hydroxide	G	G
Hydrogen Sulfide	F	G	Stearic Acid	E	E
Hylene	P	F	Sulfuric Acid	F	G
Isopropyl Alcohol	G	G	Tannic Acid	E	E
Kerosene (Coal Tar)	P	F	Tide	G	G
Kerosene (Pet.)	P	F	Tin Chloride	G	G
Lactic Acid	E	E	Toluene	P	P
Lard Oil	F	G	Toluol	P	P
Linseed Oil	F	G	Trichlorethylene	F	F
Malic Acid	G	E	Tricresol Phosphate	G	G
Methyl Acetate	F	F	Trlethanolamlne	F	G
Methyl Alcohol	G	E	Trinitrotoluene	P	G
Methyl Cellosolve	F	G	Trinitrotolual (TNT)	G	G
Methyl Chloride	P	F	Tung Oil	F	G
Methyl Ethyl Ketone	F	P	Turpentine	P	G
Milk	E	E	Water	E	E
Mineral Oil	P	G	Xylol	P	P
Monoethanolamlne	F	G			
Morpholine	P	G			
Naphta	P	F			
Nitric Acid	F	G			
Nitrobenzene	P	P			
Octyl Alcohol	E	E			
Oleic Acid	G	E			

Rubber vs. PVC		
Total Instances of Each Rating		
Rating	Rubber	P.V.C.
EXCELLENT	16	20
GOOD	32	72
FAIR	48	27
POOR	39	16

Legend:

E – EXCELLENT
G – GOOD
F – FAIR
P – POOR