



**WILKURO**  
SAFETY TOES  
Incorporated

## CHEMICAL RESISTANCE CHART\*

### WILKURO SAFETY TOES

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**Legend:**

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

**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.

	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	Dictylphthalate	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.



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	Rubber	P.V.C.
Fusel Oil (Amyl Alcohol)	G	E
Gasoline (Cracked)	P	F
Gasoline (SR)	P	F
Glycerine	E	G
Grease (All Kinds)	P	G
Hexane	F	F
Hydraulic Fluids (Petroleum Base)	P	F
Hydraulic Fluids (Phosphate Ester)	G	P
Hydraulic Fluids (Silicate Ester)	G	G
Hydraulic Fluids (Water Glycol)	G	G
Hydrobromic Acid	G	G
Hydrochloric Acid	F	G
Hydrofluoric Acid	P	G
Hydrofluoric Acid (Hot)	P	G
Hydrogen Peroxide	G	E
Hydrogen Sulfide	F	G
Hylene	P	F
Isopropyl Alcohol	G	G
Kerosene (Coal Tar)	P	F
Kerosene (Pet.)	P	F
Lactic Acid	E	E
Lard Oil	F	G
Linseed Oil	F	G
Malic Acid	G	E
Methyl Acetate	F	F
Methyl Alcohol	G	E
Methyl Cellosolve	F	G
Methyl Chloride	P	F
Methyl Ethyl Ketone	F	P
Milk	E	E
Mineral Oil	P	G
Monoethanolamine	F	G
Morpholine	P	G
Naphta	P	F
Nitric Acid	F	G
Nitrobenzene	P	P
Octyl Alcohol	E	E
Oleic Acid	G	E

	Rubber	P.V.C.
Olive Oil	F	G
Paint Remover	F	F
Perchloroethylene	P	P
Perchloric Acid	F	G
Petroleum Oils	P	G
Petroleum Solvent	P	F
Phosphoric Acid 20%	F	G
Pine Oil	P	G
Potassium Dichromate	F	G
Potassium Hydroxide	G	G
Potassium Permanganate	F	F
Propane	F	G
Propyl Acetate	F	F
Propyl Alcohol	G	E
Silicone Oil 220	F	G
Skydrol #500	P	P
Soaps	F	G
Sodium Chloride	G	G
Sodium Hydroxide	G	G
Stearic Acid	E	E
Sulfuric Acid	F	G
Tannic Acid	E	E
Tide	G	G
Tin Chloride	G	G
Toluene	P	P
Toluol	P	P
Trichlorethylene	F	F
Tricresol Phosphate	G	G
Trlethanolamine	F	G
Trinitrotoluene	P	G
Trinitrotolual (TNT)	G	G
Tung Oil	F	G
Turpentine	P	G
Water	E	E
Xylol	P	P

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

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