

<u>Chemical</u>	<u>1 Hour</u>	<u>Chemical</u>	<u>1 Hour</u>
Acetic acid (concentrated)	SD 1	Kerosene	SD 1
Acetic acid (5%), white vinegar	0	Lighter fluid	SD 1
Acetone	SD 1	Methyl alcohol	0
Ammonium hydroxide, NH ₄ OH (5%)	SD 1	Methyl ethyl ketone (MEK)	SA 1
Amyl acetate	SD 1	Methylene chloride	SA 1
Benzene	SD 1	Mineral oil, white medicinal grade	0
Betadine ¹	0	Mineral spirits	SD 2
Blood	0	Nitric acid (concentrated)	0
Butyl alcohol	SD 1	Nitric acid (5%)	0
Carbon tetrachloride	SD 1	Olive oil	0
Chlorhexidine Gluconate 4%	SD 1	Perchloroethylene	SA 1
Chloroform	0	Phenol disinfectant (5%)	0
Creosote	CC 2	Silver nitrate (5%)	CC 1
Cresol	SD 1	Silver nitrate (40%)	0
CRL (Calcium, Lime, Rust) Remover	CC 3	Sodium hydroxide, NaOH (5%)	0
Dichloroethylene	0	Sodium hypochlorite, bleach (5.25%)	0
Dimethyl sulfoxide	SD 1	Sodium metasilicate	0
Ethyl acetate	0	Sulfuric acid (concentrated)	0
Ethyl Alcohol (5%)	SD 1, SA 1	Sulfuric acid (77%)	0
Ethyl Alcohol (62%)	SD 3, SA 3	Sulfuric acid, H ₂ SO ₄ (5%)	0
Ethyl ether	0	Thimerosal	SD 1
Formaldehyde (40%)	0	Toluene	SA 1
Fuchsine	CC 1	Tribasic sodium phosphate	0
Gasoline, unleaded	SD 2	Trichloroethane	SA 1
Hydrochloric acid (concentrated)	CC 3	Trichloroethylene	SA 1
Hydrochloric acid, HCl (5%)	SD 1	Urine	0
Hydrofluoric acid (concentrated)	0	Xylene	SD 1
Hydrofluoric acid (5%)	0		
Iodine	SD 1		
Isopropyl alcohol	SD 1		
Isopropyl alcohol (70%)	0		

¹ May be removed using Windex with Ammonia D

All chemical resistance testing performed in accordance with ASTM F925; all chemicals exposed to surface of material for one hour and examined within five minutes of removal. Chemical resistance is performed cumulatively and is relevant to all products made of a particular material, in this case vulcanized rubber. For this reason, all chemical resistance tests are usable for any product of a particular material type, regardless of product line or color. If a chemical does not appear on this list and you would like testing to be performed, please contact the RHC Technical Department – solutions@rhctechnical.com.

CATEGORIES

SD: Surface Dulling

- Indicates specimen suffered loss of sheen

CC: Color Change

- Indicates specimen discolored or whitened

SA: Surface Attack

- Indicates surface damage of specimen, such as softening, warping, swelling, blistering, peeling, raising or roughness

CATEGORY RATINGS

0. No Change
1. Slight Change
2. Moderate Change
3. Severe Change