

Chemical/Medium

Immersion

Vapor

Aviation fuel	unchanged	unchanged
Kerosene	unchanged	unchanged
Super (gasoline)	unchanged	unchanged
White spirit	unchanged	unchanged
Toluol (toluene)	unchanged	unchanged
Xylol (xylene)	unchanged	unchanged
Heating oil	unchanged	unchanged
Spindle oil	unchanged	unchanged
Oleic acid	edges soft	brown discoloration
Acetic acid 5%	total separation	edges blk
Hydrochloric acid 10%	coating separated, strong corrosion	corrosion
Sulphuric acid 65%	white-reddish fading, bubbles	unchanged
Lactic acid 3%	unchanged	unchanged
Caustic potash solution 10%	brightening	unchanged
Ammonia	small bubbles	unchanged
Caustic soda hydrated 30%	unchanged	unchanged
Salt solution 20%	edges corroded	unchanged
Nickel bath sour	whitish fading, large area separation	unchanged
Hydrogen superoxide 3%	unchanged	unchanged
Sewage water	unchanged	unchanged
Moor (swamp) water	unchanged	unchanged
Water 20°C	unchanged	unchanged
Water 40°C	slight loss in gloss	unchanged
Vinegar	bubbles, large area separation	bubbles
Red wine	unchanged	edges brown

Note: Results are indicative only, users should conduct their own testing in the intended environment prior to use as chemical resistance varies considerably with the degree of exposure, concentration and type of exposure to active chemicals. Tests carried out by LPM Laboratories in Switzerland over seven days on carbon steel test plates. Please contact Alocit USA for further information.