

STORAGE OF RUBBER LINED EQUIPMENT

ALL-WEATHER STORAGE

1. Rubber linings should never be exposed to direct sunlight or direct outdoor weathering, for periods longer than a few days. Exceptions are Chlorobutyl, Bromobutyl and Neoprene linings which can be exposed for extended periods without harm. All other linings should be protected from sunlight. If no other alternatives are possible, linings should be periodically painted with RubberSource Age Guard.

SUMMER STORAGE

1. If possible, store in shaded areas away from direct sun exposure.
2. Paint outside of tanks with aluminum or white paint, or cover with a tarpaulin.
3. Closed tanks should be kept ventilated.
4. Tanks to be stored for long periods after having been in service, should be partially filled with a diluted solution of the chemical they were designed to contain (a 1-3% concentration probably will be sufficient).

WINTER STORAGE

1. Equipment should be protected as much as possible from the elements by covering with tarpaulins, erecting temporary shelters, etc.
2. Tanks containing solutions must be emptied if temperatures drop below the freezing point (of the solution contained therein).
3. Equipment should be handled very carefully and protected from subjection to external forces (sudden blows, flexing, twisting, etc.). Sudden temperature changes also are to be avoided. These precautions are most important for linings with a hard durometer.

IDLE OR STANDBY EQUIPMENT STORAGE

1. Idle or standby equipment (especially semi-hard lined) should be protected against excessive drying out and temperature changes. The best way to accomplish this is to fill the tanks with a 1-3% solution of acid, preferably H₂SO₄, and hold at ambient temperature. This will help keep the lining more flexible and minimize the expansion and contraction problem as well as decrease the possibility of thermal shock when the equipment is put back into service.
2. If the diluted solution is not optioned, then apply RubberSource Age Guard to the rubber linings once per year the lined equipment is idle. *****Note:** All idle equipment should be inspected prior to being put into service.