

Long-Term Outdoor Storage

Pipes, Joints & Fittings

- 1)) All resin rich surfaces (pipe interior, FWC coupling exterior, all laminations) exposed to the sun for extended time periods (typically 1 year plus) will perform and weather best, if protected from UV attack.
- 2)) For pipes, this is most easily accomplished by storing them in a north-south orientation with the bell (or coupling) at the south end. Then cover the entire end and the coupling (or bell) with opaque poly sheet.
- 3)) Check pipes vertical and horizontal diameter. Over an extended storage period, the pipes will typically assume a “permanent” set (new memory) of ~25% of any deformation. If this “deflection” is unacceptable, rotate the pipes 90 degrees every several months or ~ halfway through their anticipated storage time.

FWC Couplings with Nitrile Gaskets

- 1)) Nitrile gaskets are sensitive to UV exposure. Any nitrile gaskets that will be exposed to sunlight for more than 30 days (1 month) should be protected from UV attack to avoid degradation.
- 2)) For loose nitrile gaskets this is easily accomplished by storing them indoors until usage.
- 3)) For FWC couplings cover the gasket or the end of the coupling with opaque poly sheet or other dense material to prevent sunlight exposure to the gasket.

RCT, 3-4-10
(R1, 2-28-20)