

# FLANGES:

**Welded Polyethylene flanges provide the optimal connection to your Polyethylene tank. To maintain the life of the fitting, note the following:**

- Accessive weight of heavy shut-off valves, hoses or piping must not be carried by your flange. Instead, independently support all piping to and from your tank.
- Every connection at the tank must allow for expansion and contraction. Polyethylene tanks can expand and contract 1.5% of their overall dimensions. To combat this, expansion joints are required at each connection which compensates for elongation, compression, and axial movements.
- All tanks are designed to operate at atmospheric pressure, your tank must have adequate venting to maintain atmospheric pressure at all times.
- Require 11 foot lbs. of torque to seal. **DO NOT OVERTIGHTEN.**
- WPFN or PAD flanges require bolt lengths that equal the flange (the flange bolting to the tank connection, NOT the tank connection itself) and gasket plus 5/8".

