

Fabreeka-PTFE Bearing Installation Sheet

Caution

- 1.0 - These bearings consist of an Upper Unit and Lower Unit taped together. Once they are permanently in place, cut the tape. See #4 below.
- 2.0 - If the Lower Unit becomes separated from the Upper Unit, the PTFE (white) surface must be protected from the sunlight by covering it with a "light-obstructing" layer of black plastic, felt roofing paper or any other dark material. Exposing PTFE to direct sunlight can deteriorate bond.
- 3.0 - It is very important that the bearing assemblies be set level and on line. This is especially important when replacing bearings on old structures.
 - A. If the Pier seat is *absolutely level*, the bearings can be set in place and in line and held in position with an epoxy paste adhesive such as Fabreeka #700.
 - B. If the Pier seat is not level, it can be dressed level by grinding, bush hammering or the like after which the bearing is placed as noted in "A" above. Or the bearing can be set level and in line by bedding in grout (plain or epoxy).
- 4.0 - Once the bearings are level and in line (adhesive is set/grout is firm), the beam may be welded to the Upper Unit and the tape cut.
- 5.0 - There are instances when the Upper Unit is *shop* welded directly to a steel beam or a cast steel plate in a concrete beam, in which case the Lower Unit is set level and on line at the job site. Be sure to follow instructions in #2 above.

Important Notes:

- 1.0 - Care must be exercised and appropriate weld procedure used when welding the Upper Unit steel plate in place to insure that the epoxy bond area does not reach a temperature of 300°F, (150°C). Temperature-indicating crayons such as templesticks can be used for this purpose. It is therefore recommended that the smallest diameter welding rod be used to minimize heat build-up. *For example:* use a 1/8" diameter rod to run a 3/8" fillet weld. Also use a weld sequence that will minimize heat build-up in one area.
- 2.0 - The protective plastic used on the stainless steel surface of the Upper Unit *must be removed* before installing.