



Recommended Coupling Procedures for Single-Offset Manhole Joints Using Profile Gaskets

Please read and follow these installation requirements for the single-offset joint:

1. Handle manhole sections with care to avoid chipping of the spigots or bell grooves.
2. Remove all dirt and other foreign matter from both the inside surface of the bell and the spigot end, including the seat of the gasket.
3. Stretch the gasket and install on a dry spigot such that the printing or markings on the gasket are visible and pointed toward the next adjoining riser section. Make sure the gasket is seated against the “step” on the spigot surface.
4. Equalize the gasket stretch by inserting a clean round metal object (such as a screwdriver) between the gasket base and the spigot and running it around the pipe at least 1 ½ revolutions.
5. Lubricate the bell area thoroughly, especially the entry edge. Use only an approved lubricant.
6. Optionally apply lubricant to the gasket face. Use caution. Do not allow lubricant to slip between the gasket and the spigot. The gasket must stay seated against the “step” on the spigot. If the gasket rolls out of position during installation the joint will not seal and force may damage the concrete sections.
7. Use care moving manhole sections so that the lubricated joint surface does not pick up any dirt or foreign material.
8. Carefully align sections square, keeping entry angle as low as possible as the spigot enters the bell. Lower home slowly.

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Single Offset MH Joint with Profile Gasket Assembly



Brush or wipe spigot clean



Brush or wipe bell clean



Mount gasket on dry spigot



Equalize gasket stretch



Lubricate bell surface
Optional: lubricate exterior gasket surface



Align bell over spigot



Carefully lower bell over spigot