

SceptaCon™ Installation Guidelines

SceptaCon Trenchless Raceway is designed to be easily installed and used in all types of conditions. The label on each length graphically depicts the basic installation of each length of SceptaCon. Users simply:

1. Remove the plugs (along with the tape that hold the caps in place).
2. Withdraw the spline from the bell end.
3. Insert the spigot end into the bell end until it abuts the stopper ring (thus aligning the locking grooves).
4. Fully insert the locking spline and the connection is complete.



There is very little that can complicate the installation but individual jobsite conditions and weather are factors that can impact the ease of installation:

1. If the product becomes covered in mud, ensure that the ends being connected are cleaned to avoid a problem with the fit into the bell and/or blockage of the locking groove.
2. The stopper ring is affixed to the outer surface of the conduit to ensure proper alignment of the grooves. The ring has been designed to take a considerable compressive force – much more

than is needed to align the spline lock grooves. It is not designed to take a blunt impact force. Thus, should the ring be directly impacted, it is possible that severe point force could result in dislodging the ring from the pipe. The spline connection can still be made without the ring in place, however, greater care and attention is required to visually position the lengths so that the grooves are aligned. Note: once the lengths are connected with the spline in place the stopper ring serves no purpose.

3. Connection of the lengths should be made while positioned on the ground which will aid in ensuring the lengths are on the same plane.
4. The gasket will provide some resistance in assembling the connection as it comes into contact with the conduit being inserted into the bell. This is normal and is how the product achieves its water tightness. **DO NOT** use excessive force on the product to overcome the gasket resistance.
5. If the connection cannot be made by hand, the proper technique for installing the conduit, until it reaches the stopper ring and aligns the grooves, is a bar and block at the end of the length being pushed in. With the bar leverage, minimal effort will nudge the pipe the final inch or so.

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