

Installation Instructions

Important Information Follow All Instructions

The following instructions pertain to the use, storage, transit, assembly, and maintenance of DoubleTrac Flex Connector by OmegaFlex.

GENERAL

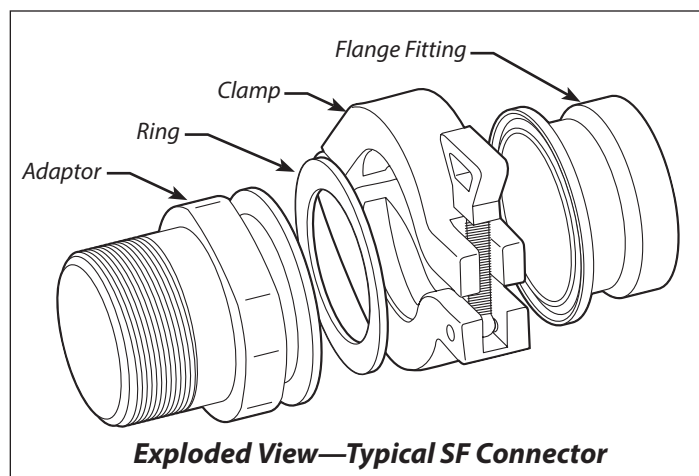
Installation must be performed in accordance with these instructions and standard piping practices. If you have any questions about these instructions, contact OmegaFlex before proceeding. This piping system must be installed or serviced by a qualified installer. The use of non-trained personnel or any deviations from this procedure could result in damage or leakage of the system and void the product warranty.

AFTER INSTALLATION PLEASE GIVE THESE INSTRUCTIONS TO THE OWNER/OPERATOR OF THE FACILITY WHERE THE INSTALLATION IS BEING DONE.

The product is identified with the Product Name, Manufacturer's Name, Date of Manufacture, Pipe Type, Pipe Location Rating, Pipe Liquid Rating, Nominal Pipe Size, Pressure Rating, Bend Radius and Fitting Torque Ratings. This information is located on the product tags and sleeve.

USE

DoubleTrac Flex Connectors are intended for use in underground tanks and sumps for automotive fuels.



STORAGE AND TRANSIT

Connector pipe is not intended for storage in direct sunlight or excessive temperatures or humidity or where it can be exposed to corrosives (groundwater, road salt, soil, etc.). Rough handling during storage and transit may cause damage and leaking.

INSPECTION

Inspect all DoubleTrac Flex connectors, fittings and components when they arrive at the job site. Any DoubleTrac Flex connector that has been cut, crushed, or otherwise subjected to physical damage during transportation or storage can never be used. The DoubleTrac Flex connectors and fittings shall be handled in such a manner that will not cause any unnecessary damage. Keep all components in the original packaging until ready for use. **The end of the DoubleTrac Flex connector must be protected at all times; Caps are provided with each shipment.**

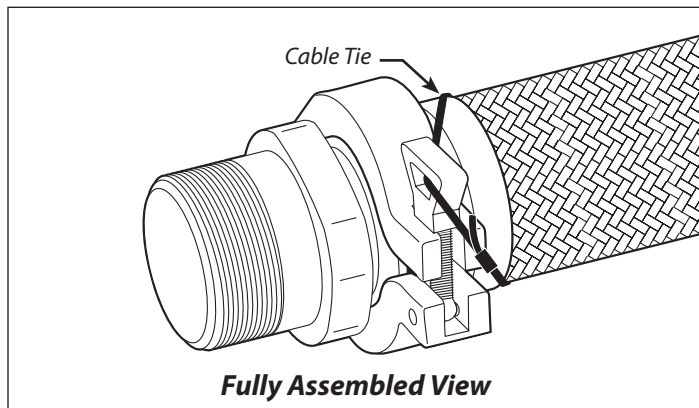
ASSEMBLY

ONLY OEM PARTS CAN BE USED. Automotive fuel compatible thread sealant to be used on NPT threads.

ASSEMBLY OF SF CONNECTOR

Insert the ring between the two flange faces. Wrap hinged clamp around flanges.

Tighten SF clamp to 25 in/lb. Insert cable tie through eyelet hole on clamp and securely tighten around O.D. of DoubleTrac flex connector.



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TESTING/MAINTENANCE

Recommended Field Leak Test Method – During primary pipe system pressure test, spray flex connector with non corrosive leak test solution and inspect for bubbles. Maximum Test Pressure: maximum allowable design pressure or max operating pressure of system (not to exceed MAWP of DoubleTrac Flex Connector).

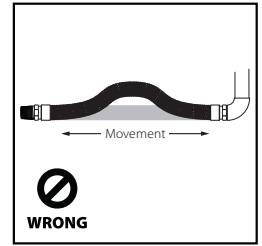
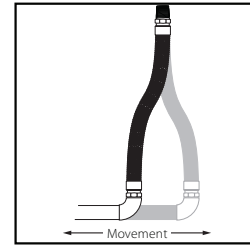
At a minimum, conduct a visual inspection of the connector after six months of use. Look for signs of leakage, damage and exposure to corrosives. If any of these conditions exist, remove the connector from service immediately. Identify and correct the source of the leakage, damage or exposure prior to replacing.

DO NOT ATTEMPT TO RE-USE THE CONNECTOR ONCE IT HAS BEEN INSTALLED.

DoubleTrac Flex Connector Installation Precautions

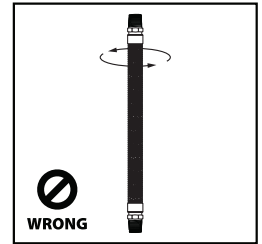
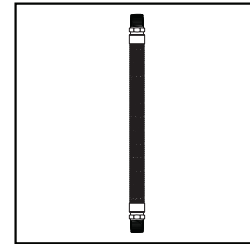
DO NOT COMPRESS OR EXTEND AXIALLY.

DoubleTrac Flex Connectors installed in line with the longitudinal axis of the piping should not be subjected to axial movement.



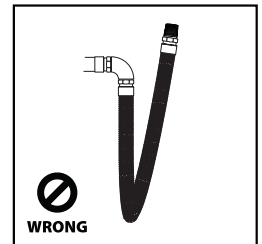
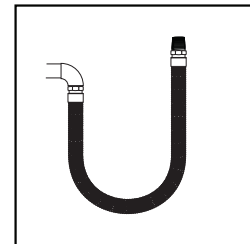
DO NOT TORQUE DURING INSTALLATION.

DoubleTrac Flex Connectors should not be used to compensate for bolt hole misalignment. The use of two wrenches will help to keep the hose from twisting when tightening the connector.



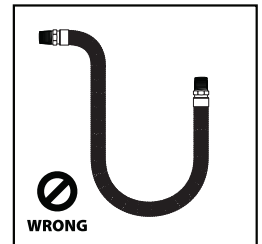
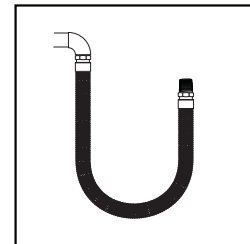
DO NOT ALLOW HOSE MOVEMENT IN MULTIPLE PLANES.

Flexing an DoubleTrac Flex Connector in two separate planes of movement will torque the connector. Always install the DoubleTrac Flex Connector so that flexing occurs in one plane only and this is the same plane in which bending occurs.



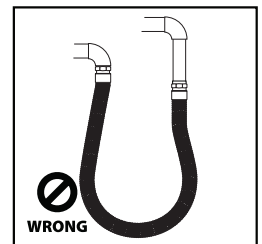
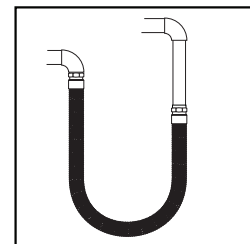
AVOID SHARP BENDS.

Use elbows to avoid severe bends near the end of the DoubleTrac Flex Connector.



MAINTAIN MINIMUM CENTERLINE BEND RADIUS.

The minimum centerline bend radius for dynamic flexing Should never be less than the minimum bend radius (MBR).



For more information please visit doubletrac.net or call 1-800-355-1039.