

JCP™ Casing Spacers- Casing Insulators

An all non-metallic casing spacer-casing insulator system designed to ease carrier pipe insertion, reduce inventory costs, make installation quick and easy and last for the life of the piping system.

Size your Installation Application: All JCP™ Casing Spacers require more than one segment to complete a spacer. In addition, all JCP™ Casing Spacers are available with a number of different runner height options which are used to guarantee clearance of the mechanical joint, provide for options in carrier pipe positioning within the casing or to compensate for grade elevation adjustments.

Non-Metallic Casing Spacer Specification for Carrier Pipe:

JCP™ CASING SPACERS:

Upon completion of the installation of the steel pipe encasement, the contractor shall furnish and install a JCP™ boltless casing spacer on the carrier pipe as described below.

Casing spacers shall be spaced a maximum of eight (8) feet apart along the length of the carrier Pipe with one casing spacer within two (2) feet of each side of a pipe joint and the rest evenly spaced. Wood skids are not an acceptable method for supporting the carrier pipes.

Casing spacers shall be all non-metallic (polypropylene/Polyethylene), molded in segments for field assembly without any special tools. Spacer segments shall be secured around carrier pipe by insertion of a Slide-Lock. The casing spacer polymer shall contain ultraviolet inhibitors and shall have a minimum compressive strength of 3,000 psi, an 800 Volts/mil dielectric strength and impact strength of 1.5 ft-lbs./inch. Each casing spacer shall have full length, integrally molded skids extending beyond the bell or mechanical joint of the carrier pipe. Verify that Slide-Locks match segment size by checking to ensure the segment model. The casing spacers shall be the JCP™ Casing Spacers as manufactured & developed by JAY CORRO PLAST.

JCP™ CASING SPACERS Features:

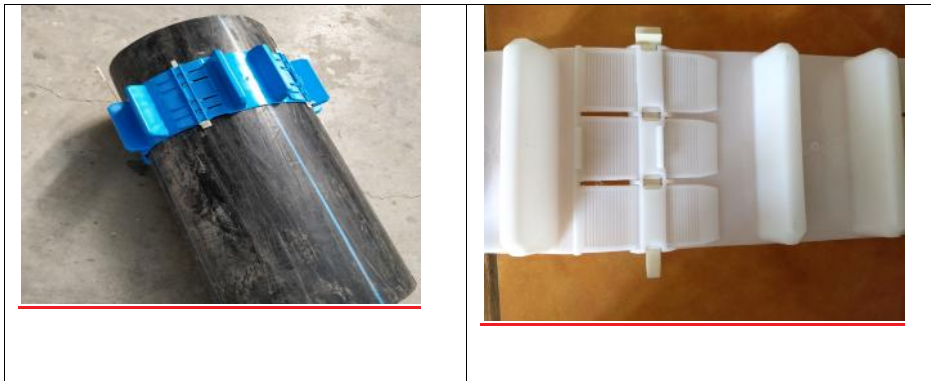
1. All non-metallic. No nuts, bolts, washers or any other metal parts to corrode or degrade over time.
2. Designed for carrier pipe diameters from 12" (315mm) to 30" (762mm) in diameter.
3. Segmented pieces – small inventory may be used to accommodate a large variety of pipe styles, types and diameters. No extra trips from job site to warehouse for additional parts.
4. Easy assembly. Simply slide the segments together and ratchet tight with the Slide-Lock connecting system.
5. Wide variety of runner heights to allow numerous options for pipe positioning within the casing.
6. Runner variations may be used to adjust for grade.
7. Mfrd from UV resistant Polyolefin (PP / PE) Natural/ Black in Color.
8. All non-metallic. No nuts, bolts, washers or any other metals parts to corrode or degrade over time.
9. High impact strength, 1.5 ft. lbs./inch (0.8 joules/cm),
10. Excellent compressive strength, 3,000 psi (211 /square cm)
11. 800 Volts/Mil. Dielectric Strength.
12. Wide temperature range, -40° to +180° F. (-40° to +82° C.)
13. Eliminates sand or grout fill.
14. No special tools required for installation.
15. Low coefficient of friction for ease of installation.
16. Will accommodate small conduit attachment for communication or electrical cable.

Component Parts - Installation

- Separate segments are connected by inserting the buckles into slots on the adjacent segment. Slide-Lock is used to tension the segments together after installation on pipe. Channels face up during insertion while the correct size Slide-Lock is molded on the flat (bottom) side.
- Slots accept buckles and hold segment in position around the pipe in preparation for final tightening. Slot accepts Slide-Lock. Arrow molded on segment indicates correct insertion direction. Runners are available in a variety of heights to allow for desired carrier pipe placement in casing 25, 50, 75 & 100mm.
- Slide-Lock is inserted into channel to close and lock the segments together. Slide-Lock removal and re-insertion will ratchet the segments together for final tightening against carrier pipe.

Installation Tips

- As with any installation process, it is important to wear appropriate eye and personal protection. This is even more important if installation work must be done at low temperatures.
- It can be beneficial to place the JCP™ Casing Spacer segments and Slide-Locks in a warm environment while awaiting installation in colder climates.
- During the installation process, no matter what the temperature, it is essential that the Slide-Locks be supported by the carrier pipe to eliminate the possibility of bending the Slide-Locks during insertion.
- Under hot installation conditions, it is better to allow the product to age a couple of hours at ambient temperature prior to assembly.



Basic Installation Procedure:

1. Size the JCP™ Casing spacer to make sure you have all the segments and Slide-Locks.
2. Take the segments and align the buckles. Insert the buckles $\frac{1}{4}$ of the way into the slots.
3. Locate directional arrow on segment and insert Slide-Lock until it tips out the end of the segment.
4. Continue the process from the previous step until all segments are put together. You are now ready to wrap the Ranger II casing spacer around the pipe.
5. Align the buckles and lock into place. Take the final Slide-Lock and slide completely into place.
6. Insert all Slide-Locks as far as possible by hand. Complete tightening by lightly tapping each Slide-Lock with a light rubber headed hammer.
7. To tighten JCP™ casing spacer, back the Slide-Lock completely out of slot and, if needed, push segments together by hand. Ratchet the Slide-Lock in and out to apply tension as the casing spacer assembly tightens down on the pipe.
8. Re-insert Slide-Locks completely into segment by lightly tapping Slide-Lock back into position.
9. Continue steps 7 and 8 until JCP™ Casing Spacer is secure against carrier pipe.

Item Description: JCP™ CASING SPACERS/ INSULATOR

High density (linear), injection molded virgin Polyethylene casing isolators/spacers provide positive electrical isolation, high abrasion resistance and low coefficient of friction for a wide variety of double containment carrier/casing pipe applications. They are extremely light in weight and easy to handle during installation. A inner surface prevents slippage and guards against carrier pipe coating damage while the outer surface may include any one of several molded runners to accommodate 2"(50mm) x 4" (100mm) or larger carrier/casing differentials.

Benefits/Features

- Molded from virgin polyethylene material.
- Lightweight for ease of handling and installation.
- Screwdriver is only tool needed for installation.
- Model available with non-metallic hardware.
- Eliminates the need for grout, blown sand or pea gravel.