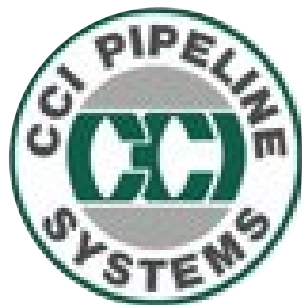
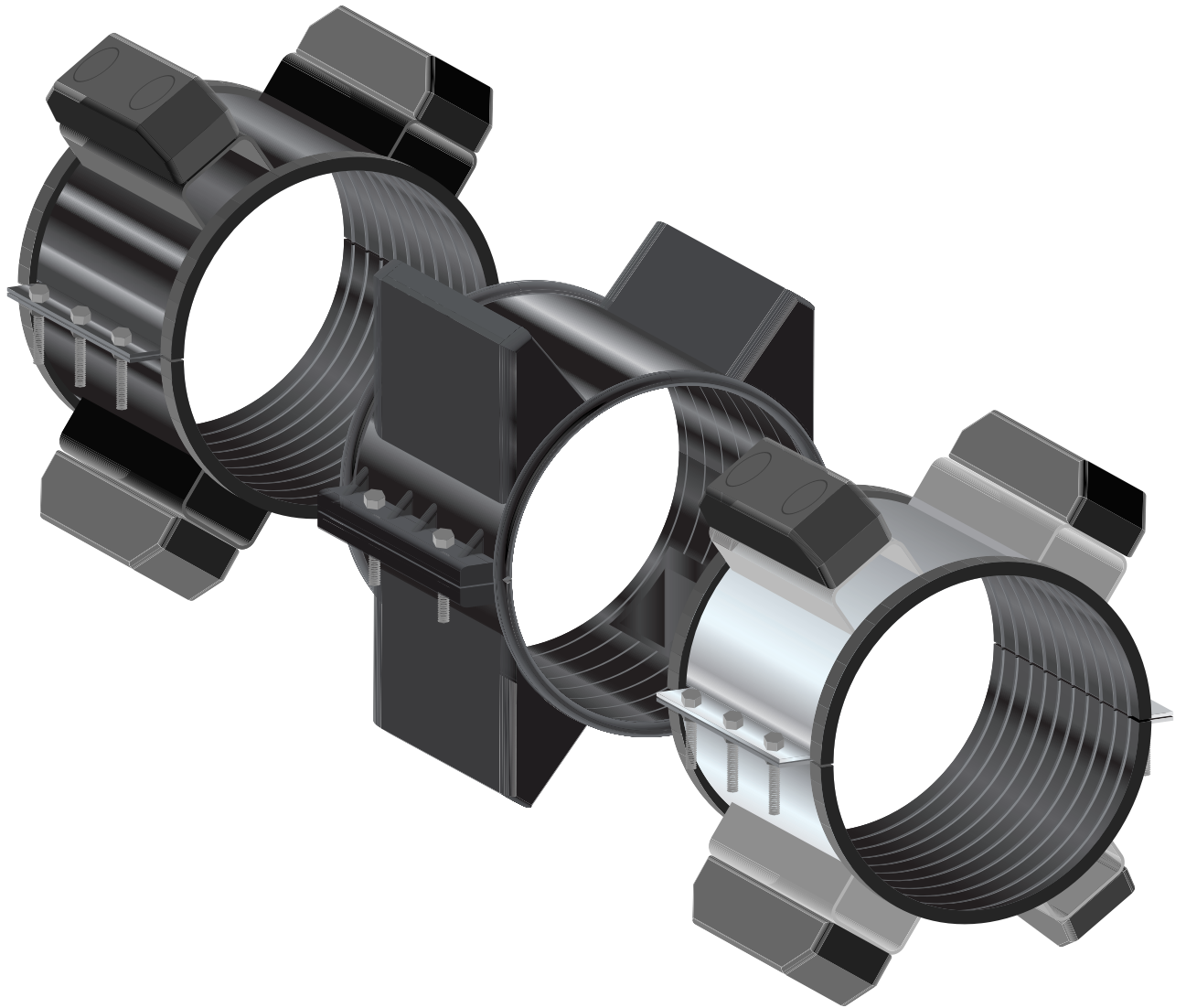
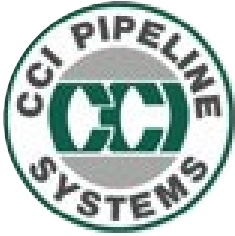


# CASING SPACERS & END SEALS



**CCI PIPELINE SYSTEMS**  
PIPE PROTECTION PRODUCTS



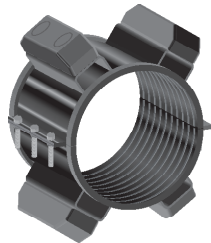
# CASING SPACERS & END SEALS

## CARBON STEEL & STAINLESS STEEL SPACERS

- Heavy duty two-piece #304 Stainless Steel or Carbon Steel Spacers with durable glass filled polymer runners.
- Available in 8 inch and 12 inch widths. (8" width through 36" pipe recommended)
- Fast and easy installation on concrete, PVC, ductile iron, polyethylene, and steel cased crossing applications.
- Spacers are lined with standard ribbed PVC (EPDM alternate) to prevent electrical contact between the carrier pipe and the metallic spacer.
- Carbon Steel Spacers are fabricated from pickled and oiled steel and then coated with a *fusion bonded copolymer based thermoplastic* for superior abrasion resistance and corrosion protection.
- Spacers for bell & spigot joints, or large diameter applications, are designed and fabricated to insure an extra margin of support.
- CCI Pipeline Systems has the experience to design and manufacture virtually any configuration of casing spacer, including multi-carrier clusters within a single casing.



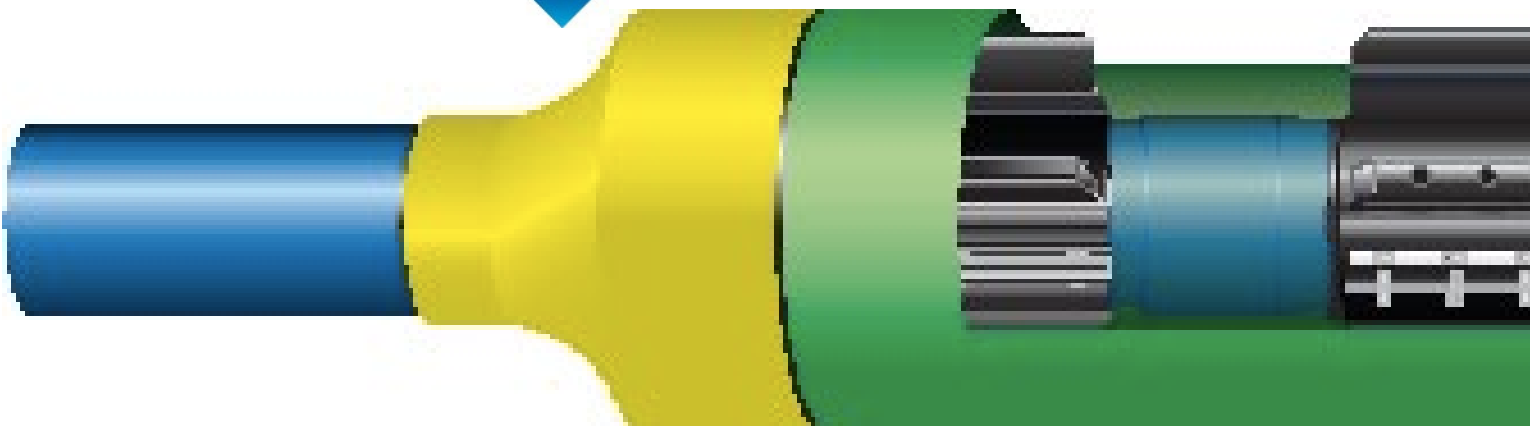
**Model CSP**  
Polyethylene Casing Spacer, high-density injection molded with a variety of runner heights available to allow for different carrier/casing profiles



**Model CSC**  
Carbon Steel Casing Spacer, fusion bonded thermoplastic copolymer coating with glass filled polymer runners

**Model CSK**

Canusa Heat Shrinkable Casing Seal Kit, an irradiated cross-linked polyolefin with aggressive mastic adhesive; conforms to any profile

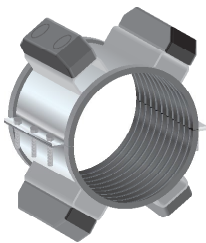


# POLYETHYLENE SPACERS

- Injection molded from high-density polyethylene.
- Provide an economical alternative to metallic casing spacers.
- Excellent dielectric strength and low moisture absorption provide minimal electric current loss with no impairment of cathodic protection.
- High impact resistance and excellent frictional characteristics make polyethylene spacers a pipeline industry standard on mechanical joints, restrained joints, push-on joints and welded pipe joints.

## ADVANTAGES vs. banded wood skids:

- Casing Spacers will save you time and labor - quickly installed by a single worker and easily field adjustable.
- Casing Spacers' performance and reliability are far superior. Spacers provide electrical insulation, will not rot or settle, support carrier pipe weight uniformly, protect against long term corrosion, require no casing filler, and slide into place with ease.



Model CSS  
#304 Stainless Steel Casing Spacer  
with glass filled polymer runners

# END SEALS

## MODEL ESW

*Wrap-around neoprene rubber end seal.* Designed for field installations where the carrier pipe has been installed in a casing. Involves simply wrapping the seal around the carrier pipe and casing; then compressing the adhesive strips to form a seal. Installation is completed when the stainless steel banding is installed and tightened.

## MODEL ESC

*Seamless neoprene end seal.* Easily installed as the carrier pipe is pulled through the casing. The installation process is completed with the installation of stainless steel banding straps to the carrier and the casing pipe. This end seal has excellent chemical resistance and retains good flexibility.

## MODEL CSK

*High expansion heat-shrinkable kit with support skirting.* Manufactured with a unique "Snap-Fit" closure system and a temperature indicating pigment that changes color upon reaching proper temperature. Installation is simple and guesswork is eliminated for the installer.



Model ESW / ESC  
Neoprene End Seal  
Wrap-around or pull-on with  
stainless steel bands



## ORDERING INFORMATION

To place an order, please have the following information available:

- Casing spacer material  
(Carbon Steel, Stainless Steel, or Polyethylene)
- Configuration: (See drawings at left)
  - Standard (clear bell only)
  - Centered
  - Centered Restrained
  - Standard Restrained
  - Clustered
- Type of carrier pipe
  - Diameter of carrier pipe
  - Inside diameter of casing pipe  
(or casing wall thickness)
- Outside diameter of bell (if applicable)
- Width of spacer, model number, etc.
- Additional information (for multi-pipe, cluster designs)
- Quantity of spacers
- Model and quantity of end seals

\* *Recommended spacing for steel carrier pipe is 6 ft. to 8 ft. (Typically, length of casing, divided by 6 +2 = # of spacers). Recommended spacing for PVC type pipe (Bell & Spigot) = 3 spacers per joint. CCI reserves the right to recommend spacing according to application.*

For detailed technical specifications visit our website at:

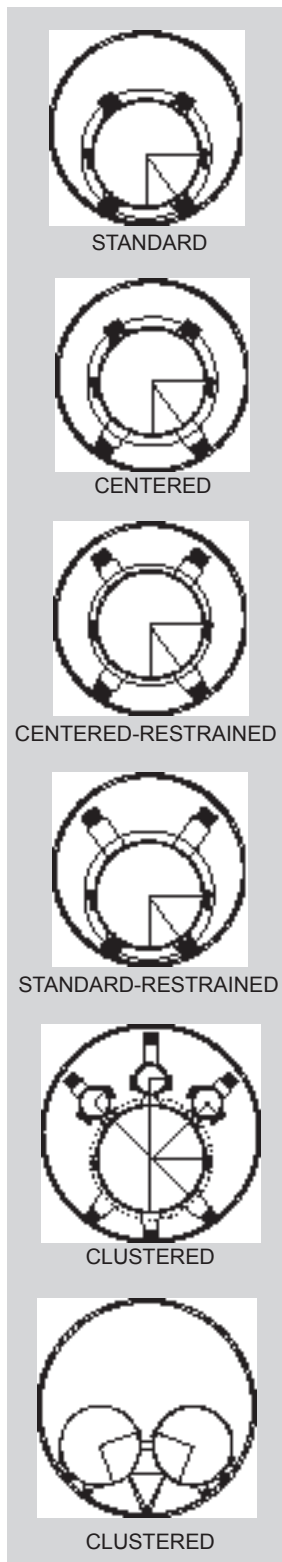
**[www.ccipipe.com](http://www.ccipipe.com)**

or call us at:

**800-867-2772**

### WARRANTY

CCI PIPELINE SYSTEMS warrants all products against defects in material and workmanship for a period of one year from receipt of order. There are no other warranties, expressed or implied. Customer assumes all liability in the handling, use and application of our products.



## CCI PIPELINE SYSTEMS, LLC

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HOUSTON, TX

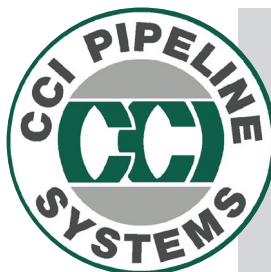
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**800-867-2772**



Representative