

# CALPICO INC.

## CALPICO MODEL P CASING INSULATORS

*The ideal solution  
for small pipe....*



*& applications where annular  
space is tight & pipe bell or  
coupling does not exist.*

Ideal for applications using small pipe sizes, as small as 1". Calpico Model P insulators are made of high density (linear) polyethylene. This material provides high impact strength, a low coefficient of friction and excellent abrasion resistance.

The high insulating value and low water absorption characteristics of the non-filled, polyethylene assures negligible current loss, positive insulation and complete cathodic protection.

Model P insulators are light in weight, economical, easy to handle and easy to install. No special tools are needed.

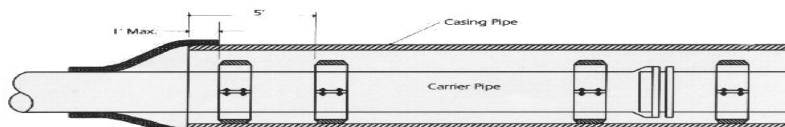
Non-deteriorating polyethylene lasts indefinitely in the casing. The only metal present is the connecting bolts. A ribbed inner surface prevents slippage and coating damage.

Calpico Model P insulators are made in two halves for pipe sizes in the 1" through 12" range. Polyethylene runners are molded in each insulator section. Runner height for all sizes is less than 1". All bolts, nuts, and washers are cadmium plated and these are shipped in a package with the insulators. Stainless steel hardware is also available, which is our Model P-SS. Spacing every 4' - 6', or per engineer specification or application requirements. Pipe with a tendency to bow may require additional spacers.

### Standard Specification:

- |   |                              |                               |
|---|------------------------------|-------------------------------|
| • | ESPREE Nylon Resin GYSL-1000 |                               |
| • | Melting Point:               | 480° - 500° F                 |
| • | Specific Gravity (water-1):  | >1                            |
| • | Water Solubility:            | Insoluble                     |
| • | Compressive Strength         | 3200 psi      ASTM D-693      |
| • | Density:                     | 0.960      ASTM D-792         |
| • | Tensile Strength             | 3100-5500 psi      ASTM D-638 |
| • | Yield Strength:              | 3000 psi      ASTM D-638      |
| • | Break Strength:              | 2100 psi      ASTM D-638      |
| • | Flexural Strength:           | 1110 psi      ASTM D-790      |
| • | Impact Strength:             | 1.1 ft.lb/in.      ASTM D-256 |

### Typical carrier pipe type: IPS only



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