# Model AZ Casing Spacers

AZ non-metallic casing spacers are designed for use with water and sewer pipes 3.85" to 13.75" in diameter.

They are an economical alternative to banded woods skids and stainless steel bands for inserting pipes into casings. AZ spacers also eliminate the need for sand or grout filling of the annular space in the casing.

All are adaptable to a wide variety of carrier pipe O.D.'s found on PVC Pressure/Sewer Pipe, DI-Ductile Iron, C-900, P.E., and IPS-Steel Pipes.

**Features:**
- Variable O.D.'s of casing spacer to fit multiple sized space.
- Manufactured from UV resistant polypropylene.
- Runner heights may be interchanged or field cut to adjust for grade.
- Corrosion protection - only metal components are steel bolts/nuts.
- One piece molded construction for maximum load bearing.
- Allen Head Bolts for improved spacer tightening.

## Basic Installation
Always Wear and Use Safety Equipment!

1. Size the AZ casing spacer. Make sure you have all the segments and bolts.
2. Assemble segments. Align nuts into grooves and hand tighten bolt.
3. Wrap AZ spacer around pipe and secure by tightening bolts.

**Note Tool:** Allen Wrench 3/16" (5mm)

## Specification Material Chart:

<table>
<thead>
<tr>
<th>Band/Runner Segments</th>
<th>AZ1 Type/Runner Height</th>
<th>AZ2 Type/Runner Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>AZ1-16</td>
<td>5/8&quot;</td>
<td>AZ2-16</td>
</tr>
<tr>
<td>AZ1-25</td>
<td>1&quot;</td>
<td>AZ2-25</td>
</tr>
<tr>
<td>AZ1-36</td>
<td>1-1/2&quot;</td>
<td>AZ2-36</td>
</tr>
<tr>
<td>AZ1-55</td>
<td>2-1/4&quot;</td>
<td>AZ2-55</td>
</tr>
<tr>
<td>AZ1-75</td>
<td>3&quot;</td>
<td>AZ2-75</td>
</tr>
<tr>
<td>AZ1-90</td>
<td>3-1/2&quot;</td>
<td>AZ2-90</td>
</tr>
<tr>
<td>AZ1-110</td>
<td>4-1/2&quot;</td>
<td>AZ2-110</td>
</tr>
</tbody>
</table>

**Specifications Value**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compressive Strength</td>
<td>3,000 psi (211 kg/sq. cm)</td>
</tr>
<tr>
<td>Temperature</td>
<td>-40°F. + 180°F. (-40°C to +82°C)</td>
</tr>
<tr>
<td>Impact Strength</td>
<td>1.5 ft. lb/in. (0.8 joules/cm)</td>
</tr>
<tr>
<td>Dielectric Strength</td>
<td>800 Volts/mil. min.</td>
</tr>
<tr>
<td>Color</td>
<td>Black</td>
</tr>
</tbody>
</table>

Load Carrying Capacity 770 lbs. (340kg) per spacer

The maximum load bearing capacity per spacer is based on 1-1/2" (36mm) skid height in a cylindrical casing.

## Specification for AZ Casing Spacers

Designed for 3.85" through 13.75" O.D. carrier pipes. Casing spacers shall be AZ segmented type molded in high density UV resistant polypropylene. Each spacer segment shall be a, “non-welded” molded piece designed for accommodating variable pipe O.D.’s by attachment of the required number of segments. Minimum spacer width shall be 5.2" (132mm). Runner height shall be sized correctly to provide adequate pipe support without the bell or joint contacting the casing during installation. Approved ISO 9001:2000

Manufacturer: Pipeline Seal & Insulator, Inc., Houston, Texas, U.S.A.

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08/04
Nominal O.D. Segments Runner Height | Pipe Dia. Range Per Spacer AZ1 Model# | Runner Height (Inch)
---|---|---
4" (3.85"-5.1") | 3 AZ1 | 5/8"
6" (5.1"-6.9") | 4 AZ1 | 1"
6" (6.37"-8.5") | 5 AZ1 | 1-1/2"

Nominal O.D. Segments Runner Height | Pipe Dia. Range Per Spacer AZ2 Model# | Runner Height (Inch)
---|---|---
8" (7.99"-9.05") | 3 AZ2 | 5/8"
10" (10.23"-12.20") | 4 AZ2 | 1"
12" (11.88"-13.75") | 4 AZ2 + 1 AZ1 | 1-1/2"

All products are warranted against failure caused by manufacturing defects for a period of one year. Any product found to be so defective and returned within one year from date of shipment will be replaced without charge. The above warranty is made in lieu of, and we disclaim, any and all other warranties of merchantability and fitness for a particular purpose, and buyer agrees to accept the products without any such warranties. We hereby disclaim any obligation or liability for consequential damages, labor costs or any other claims or liabilities of any kind whatsoever.