ADVANCE
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ISO 9001 Certified

SUBMITTAL
APS CI POLYETHYLENE CASING INSULATOR

Advance Products & Systems, LLC Model CI Polyethylene Casing Insulator is manufactured from injection molded, high-density polyethylene which provides high impact strength and a low coefficient of friction. These insulators have excellent dielectric resistance and low moisture absorption yielding minimal electric current loss and no impairment of cathodic protection.

The APS polyethylene casing insulator is designed for use in most carrier pipes within casings. They are equal to and/or better in design and performance than most other brands of polyethylene insulators.

The recommended spacing for our polyethylene insulators is one spaced every five feet apart.

3/4" through 12" NPS are constructed by two halves, while 14" and above are multi-segmented.

Riser extensions can be added to our polyethylene casing insulators. This is done by a fusion process in which we add HDPE material to each runner, giving the insulator a longer, one-piece runner. Zinc plated nuts & bolts are provided with spacers.

Advance Products & Systems, LLC certifies that the Model CI polyethylene casing insulators are of the highest quality and meet or exceed industry standards.

PHYSICAL PROPERTIES:

Dielectric Strength (ASTM D-149)	450-500 Volts/Mil
Flexural Strength at Yield (ASTM D-790)	4600 psi
Compressive Strength (ASTM D-695)	4600 psi
Tensile Strength at 72° (ASTM D-638)	4600 psi
Water Absorption (ASTM D-570)	<0.01%
Impact Strength (ASTM D-256)	1.3 ft. lb/in.
Maximum Continuous Operating Temperature	180°F, (82°C)
Max Temperature	221°F, (105°C)
Minimum Continuous Operating Temperature	-76°F, (-60°C)

Country of Origin: USA

