ADVANCE
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ISO 9001 Certified

# CERTIFICATE OF COMPLIANCE
# APS POLYETHYLENE CASING INSULATOR

Advance Products & Systems, LLC polyethylene casing insulators are manufactured from injection molded high density virgin 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. Zinc plated nuts & bolts are provided with spacers.

APS' polyethylene casing insulators are 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 5 feet apart. 3/4" through 12" NPS are constructed by two halves while 14" and above are multi-segmented. Advance Products & Systems, LLC certifies that the polyethylene casing insulators are of the highest quality and meet or exceed industry standards.

***PHYSICAL PROPERTIES:***

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|---|---|
| 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) |

Country of Origin: USA

