

Polyethylene Pin Type Insulators – Vise-Top

Description:

Hendrix Vise-Top insulators are a labor saving alternative to Tie-Top insulators. When used with the VTST-1 Stringing Tool, conductors can be installed without separate stringing blocks. The built-in clamp secures the conductor in the top or side position, eliminating the need for tie wire. Vise-Top insulators are molded of proprietary gray, track resistant, high density polyethylene. They are ideal for use with covered conductors because the low dielectric constant of the polyethylene matches that of Hendrix and other polyethylene insulating compounds. In addition, Hendrix offers Vise-Top insulators with aluminum clamping inserts for use with bare conductors. They are designed to fit on standard 1" or 1 3/8" pins. Insulators are available with ratings of 15kV, 25kV or 35kV.



HPI-15VTP



HPI-25VTP



HPI-35VTP

Benefits:

- Quick and easy installation using two torque bolts
- Torque bolt ring breaks off at a predetermined torque to provide proper clamping force
- Insulator acts as a stringing block when used with the VTST-1 stringing tool, significantly reducing installation costs
- Electrically compatible with covered conductors, no stripping is required
- Resistant to impact damage, breakage and vandalism
- Excellent weather washing characteristics
- Interchangeable with porcelain insulators
- Excellent weatherability proven by 25 years of field experience
- Light weight for easy handling
- Excellent for contaminated environments



Vise-Top used with a VTST-1 stringing tool

Application:

Hendrix polyethylene insulators are recommended for use on spacer cable construction at angles and for open wire construction with either covered conductors or bare conductors. Using polyethylene insulators avoids the problems of increased corona and the resulting erosion of covered conductors that can occur with porcelain insulators. Hendrix polyethylene insulators are especially well suited to areas with a history of vandalism. Ballistics tests have shown that even with damage from rifle or shotgun fire, the insulators were still able to operate. Hendrix polyethylene insulators are also excellent for contaminated environments due to their long leakage distance and washing characteristics.

There are two types of Vise-Top insulators. One type has nylon clamping inserts for covered conductors and bare copper conductors. The other type has aluminum clamping inserts for bare aluminum conductors. To specify Vise-Top insulators with nylon clamping inserts, add the suffix "P" (ex. HPI-15 VTP). For metal clamping inserts, add the suffix "M" (ex. HPI-15VTM).



Vise-Top with covered conductor and nylon insert



Vise-Top with bare wire and aluminum insert

continued