Polyethylene Pin Type Insulators – Tie-Top

Description:

Hendrix Tie-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 matches that of Hendrix and other polyethylene conductor insulating compounds. In addition, Hendrix Tie-Top insulators may be used with bare conductors. They are designed with standard ANSI neck sizes and will fit on standard 1" or 1 3/8" pins. Insulators are available with ratings of 15kV, 25kV or 35kV.

HPI-15

HPI-25

HPI-35

Benefits:

- 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
- Designed for use with hand wrapped ties or preshaped ties
- Light weight for easy handling
- Excellent for contaminated environments

Application:

Hendrix Tie-Top 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 problem 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.

When using Hendrix Tie-Top insulators with covered conductors, a covered tie wire is required to prevent erosion of the conductor covering. Hendrix thermoplastic rubber covered tie wire is available for this purpose. When using Hendrix Tie-Top insulators with bare conductors, a bare tie wire should be used.

HPI insulator with covered conductor and covered tie wire

HPI insulator with bare conductor and bare tie wire

continued