



## HPI-25-01

Hendrix Tie Top Insulators are molded from a proprietary blend of gray, track and UV resistant, high density polyethylene. They are more durable and reliable than traditional wet-process porcelain insulators. They are also lighter, safer and easier to handle.

The HPI-25-01 is designed with standard ANSI neck and thread size. It is a direct replacement for medium-voltage porcelain F-neck insulators and recommended for all conductor types, bare or covered.



- Exceeds ANSI electrical and mechanical requirements
- Resistant to impact damage, breakage and vandalism
- Designed for use with all Tie Products
- Made in USA

## PRODUCT DATA

| Characteristic                                    | ANSI C29.5<br>Class 55-5 | HPI-25-01 |
|---|--------------------------|-----------|
| <b>DIMENSIONS</b>                                 |                          |           |
| Neck designation                                  | F                        | F         |
| Leakage distance (in)                             | 12                       | 14.3      |
| Dry-arc distance (in)                             | 6.25                     | 8.1       |
| <sup>[1]</sup> Pin-hole diameter (in)             | 1                        | 1         |
| <b>MECHANICAL VALUES</b>                          |                          |           |
| Cantilever strength (lbs)                         | 3000                     | >3000     |
| <b>ELECTRICAL VALUES</b>                          |                          |           |
| Typical application (kV)                          |                          | 25        |
| Flashover voltage, 60 Hz Dry (kV)                 | 80                       | 84        |
| Flashover voltage, 60 Hz Wet (kV)                 | 45                       | 51        |
| Impulse Flashover – Positive (kV)                 | 130                      | 146       |
| Impulse Flashover – Negative (kV)                 | 150                      | 176       |
| Low frequency Puncture (kV)                       | 115                      | 223       |
| <b>OTHER</b>                                      |                          |           |
| Max. Conductor Diameter (in)                      |                          | 1.75      |
| Part Weight (lbs)                                 |                          | 1.9       |
| <sup>[2]</sup> Max Continuous Conductor Temp (°C) |                          | 120       |

### Notes:

[1] Other pin-hole diameters and thread configurations are available

[2] High temperature (200°C) model is available

