



sales@orientinsulators.com
<http://www.pin-insulator.com>

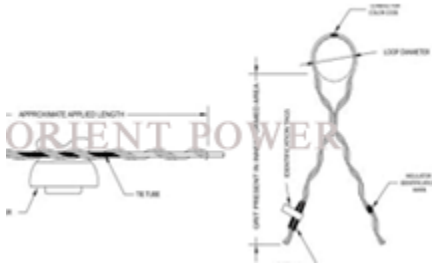
Chapter 3

Pin Insulator Assembly

3.4 Side tie for pin insulator

By Orient Power

Side tie for pin insulator



Orient Power

sales@orientinsulators.com
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Preformed side ties for pin insulator:

The design of the side tie is spiral structure, conformed by some aluminum covered steel, the shape of the side tie can be assembled with all types of pin insulators or line post insulators, and most types of conductors.

Two types of preformed ties:

- ✓ Top tie for pin insulator
- ✓ Side tie for pin insulator

Side tie is to fix the conductors in the side groove of the insulator, easily assemble and easily change.

Advantage of the preformed side tie:

- ✓ High tensile strength: 8-18 times than aluminium tie, 3 times than cooper tie
- ✓ High grip strength:
- ✓ High pull off strength
- ✓ Good rebound resilience
- ✓ Low RIV radio interference value
- ✓ Convenient assembly
- ✓ High efficiency construction

Since preformed side tie has many advantage, it is replacing the traditional banding way.

More information about top tie for pin insulator and line post insulator and pin post insulator can be found on next section of Orient power insulator pdf technique illustration.