



## Galvanized Steel Silicone Braced Line Post Insulator

Catalog ID: 07H0S0U

Silicone Braced Line Post Insulator is one kind of power line hardware.

It is used in power line transmission and distribution system.

High mechanical capabilities

Other types of insulator include Suspension insulators, Pin insulators, Strain Insulators, Stay Insulators, Spool insulators, Porcelain Insulators.”



### PRODUCT DETAILS

#### General

|  |                       |
|--|-----------------------|
| Application  | Horizontal V Assembly |
| Fitting – Ground End                                 | Aluminum Flat         |
| Fitting – Live Line End                              | Two Hole Blade        |
| Material   | Silicone              |
| Material – End Fitting                               | Galvanized Steel      |
| Shed Style   | Uniform               |
| Strength Rating – Minimum Ultimate, Longitudinal (L) | 1550 lb (703.07 kg)   |
| Strength Rating – Minimum Ultimate, Vertical (V)     | 10070 lb (4567.68 kg) |
| Tensile Strength                                     | 7500 lb (3401.94 kg)  |
| Type   | Horizontal V Assembly |

#### Dimensions

|                               |                      |
|-------------------------------|----------------------|
| Angle                         | 12                   |
| Diameter – Shed(s)            | 5.06 in (125.52 mm)  |
| Distance From Pole            | 20 in (508 mm)       |
| Height                        | 55 in (1398 mm)      |
| Length                        | 12 in (304.8 mm)     |
| Length – Brace Section        | 65.7 in (1668.78 mm) |
| Length – Effective            | 59.5 in (1511.3 mm)  |
| Length – Suspension Insulator | 58.7 in (1490.98 mm) |
| Rod Diameter                  | 2.5 in (63.5 mm)     |
| Width                         | 10 in (254 mm)       |

#### Electrical Ratings

|                    |      |
|--------------------|------|
| Arc Distance – Dry | 44.6 |
|--------------------|------|

|  |           |
|--|-----------|
| Creep and Leakage Distance                       | 115       |
| Critical Impulse Flashover (CIFO) – Negative     | 730       |
| Critical Impulse Flashover (CIFO) – Positive     | 675       |
| Flashover Voltage – 60 Hz Dry                    | 425 kV    |
| Flashover Voltage – 60 Hz Wet                    | 390 kV    |
| Voltage Rating                                   | 115/138 V |
| Withstand Voltage – 60 Hz Dry                    | 425       |
| Withstand Voltage – 60 Hz Wet                    | 295 kV    |
| Withstand Voltage – Lightning Impulse (Negative) | 655 kV    |
| Withstand Voltage – Lightning Impulse (Positive) | 605 kV    |

### **Certifications and Compliance**

|                      |      |
|----------------------|------|
| Industry Standard(s) | ANSI |
|----------------------|------|

### **RESOURCES AND DOWNLOADS**

|                    |                              |
|--------------------|------------------------------|
| Specifications     | <a href="#">Download PDF</a> |
| Technical Drawings | <a href="#">Download PDF</a> |

*For further technical assistance, please contact us*

#### **TTF Power Technology Co., Ltd.**

Office: Rm. 609-610 Tianjin Technology Financial Bldg., Tianjin, China, 300384

Landline: (+86) 22-8523-3528

Cell / WhatsApp: (+86) 155-1086-4645

Email: [sales@ttfpower.com](mailto:sales@ttfpower.com)

Website: <https://ttfpower.com>