

# Polymer Insulator - Tie Top

**Weight:** 0.00kg

**Dimensions:** 0.00cm x 0.00cm x 0.00cm

## Description

The PLP **Tie Top Polymer Insulators** are designed to match the head, neck and mounting pin requirements of ANSI C29.5, Class 55-3, 55-4, 55-5, 55-6, and 55-7 as well as ANSI C29.6, Class 56-1 pin-type insulator standards. "C" (2 -1/4" nominal), "F" (2-7/8" nominal) and "J" (3-1/2") neck sizes are available. By using ANSI head and neck dimensional standards, PLP metal or plastic factory formed ties will install easily and provide superior holding and electrical performance on PLP Tie Top Polymer Insulators. Consult PLP for the suitability of other factory formed tie brands with these insulators. Covered or bare hand tie wire is also suitable for use with PLP Tie Top Polymer Insulators depending on conductor type.

## Features

- Superior moisture and contamination shedding
- UV stabilized material
- Matched dielectric properties
- High impact resistance
- Lightweight design
- ANSI 29.5 compliant
- Dramatically reduces abrasion
- Ideal for jumpers or stinger wires
- Ideal for use with shot gun sticks
- Manufactured from a proprietary high density polyethylene-based compound
- Tie top designs are perfect for use with all PLP ties
- Two (2) torque bolts included with each Tie Top insulator

## Documentation

### Application Procedures

[SP-3245 \(Polymer Insulator Tie Top\)](#)

## **Catalog Pages**

[Polymer Insulators Tie Top - Catalog](#)

[Polymer Insulators - Catalog](#)

## **Sales Materials**

[Polymer Insulators Tie Top - Sell Sheet](#)

## **Reports & Manuals**

[Overhead Distribution Line Repair Manual](#)

## **Part Tables**

Catalog Number	ANSI Class*	Application	Mounting Pin Diameter	Approx. Unit Weight Lbs.	Carton Quantity	Carton Weight
<b>15kV</b>						
IP-15-C	55-3	C Neck Tie Top <b>RUS Accepted</b>	1"	0.9	18	24
IP-15-F	55-4	F Neck Tie Top <b>RUS Accepted</b>	1"	1.2	18	22
<b>25kV</b>						
IP-25-F1	55-5	F Neck Tie Top	1"	1.3	18	35
IP-25-F2	55-5†	F Neck Tie Top	1-3/8"	1.3	18	35.5
<b>NEW!</b> <b>NEW!</b> IP-25-J1	56-1†	J Neck Tie Top	1"	2	18	37
IP-25-J2	56-1	J Neck Tie Top <b>RUS Accepted</b>	1-3/8"	1.96	18	36
<b>35kV</b>						
IP-35-F1	55-6†	F Neck Tie Top	1"	2.8	12	37
IP-35-F2	55-7†	F Neck Tie Top	1-3/8"	2.8	12	36
<b>NEW!</b> <b>NEW!</b> IP-35-J1	55-6	J Neck Tie Top	1"	2.42	12	33
IP-35-J2	55-7	J Neck Tie Top	1-3/8"	2.46	12	32

\*Nominal ANSI C29.5 or C29.6 Class designation - These ANSI specifications are for Wet Processed Porcelain  
†Meets the electrical requirements of the ANSI Class designation but a physical characteristic differs from the specification



Insulator Type Catalog Number	Nominal Insulator Dimensions					
	IP-15-C	IP-15-F	IP-25-F 1/2	IP-25-J 1/2	IP-35-F 1/2	IP-35-J 1/2
A	5.0	5.3	5.7	6.7	7.5	7.5
B	5.5	5.5	6.1	7.0	7.5	7.5
C	3.75	3.75	4.35	5.0	5.5	5.5
D	2.25	2.875	2.875	3.5	2.875	3.5
E (Radius)	0.75	1.0	1.0	1.0	1.0	1.0
F (Radius)	0.65	0.65	0.813	1.0	0.813	1.0
Number of Skirts	3	4	3	3	4	4
Maximum Conductor O.D. Top Groove	1.5"	2"	2"	2"	2"	2"
Maximum Conductor O.D. Side Groove	1.30"	1.30"	1.625"	2"	2"	2"

PLP Tie	Maximum Conductor Outer Diameter (in) with factory formed ties*					
Distribution Tie	1.25	1.75	1.75	1.75	1.75	1.75
WRAPLOCK® Tie	1.25	1.75	1.75	1.75	1.75	1.75
EZ-WRAP® Twin Tie	1.25	1.75	1.75	1.75	1.75	1.75
Double Support Tie	1.25	1.75	1.75	1.75	1.75	1.75
Side Tie	1.05	1.05	1.375	1.75	1.375	1.75
EZ-WRAP® Spool Tie	1.05	1.05	1.375	1.75	1.375	1.75
Double Side Tie	1.05	1.05	1.375	1.75	1.375	1.75
Jacketed Conductor Top Tie	1.5	2	2	2	2	2
Jacketed Conductor Side Tie	1.3	1.3	1.625	2	1.625	2

## Videos

### Polymer Insulator Questions and Answers

## Accessories

Optional Accessories					
Product	Catalog Number	Approx. Unit Weight Lbs	Carton Quantity	Pallet Quantity	General Appearance
Vise Top Torque Bolt Material: Black UV Resistant Nylon Length: 6" w/Ring, 5" installed	PT-01	0.1	As Ordered	As Ordered	
Vise Top Hook Tool Material: Aluminum Alloy Size: 7/16" Hex Length: 6.375"	VTHT-01	0.15	As Ordered	As Ordered	
Vise Top Stringing Tool Material: Polyurethane Bodies Steel Hot Stick Ring Length: 5" Conductor Opening Diameter: 1.75"	IP-VLST-01	0.55	As Ordered	As Ordered	