



## HPI-SP-10

Technical Reference Number: 205P

Hendrix Station Line Post Insulators are molded from a proprietary blend of gray, track and UV resistant, high-density polyethylene. They are more durable and reliable than traditional porcelain insulators.

The HPI-SP-10 has 4-hole pattern steel plates, tapped with ½-13 unified form special threads with 3-inch bolt circle. It meets the electrical and mechanical requirements of ANSI C29.19.

- Lighter than porcelain
- Designed for use in vertical and horizontal configurations
- Resistant to impact damage, breakage and vandalism
- Molded in USA

## PRODUCT DATA

Characteristic	ANSI C29.9	ANSI C29.19	HPI-SP-10
<b>DIMENSIONS</b>			
Leakage distance (in.)	15.5	10.8	16.7
Dry-arc distance (in.)	N/A	N/A	8.7
4 hole pattern – thread size (in.)	½-13	½-13	½-13
Bolt Circle diameter (in.)	3	3	3
<b>MECHANICAL VALUES</b>			
Cantilever load (lbs.)	2,000	2,000	>2,000
Tensile strength (lbs.)	8,500	8,500	>8,500
Compressive strength (lbs.)	10,000	8,500	>10,000
Torsional strength (in.-lbs.)	7,000	6,000	>7,000
Deflection @ 50% RCL (in.)			0.09
<b>ELECTRICAL VALUES</b>			
Typical application (kV)	15	15	15
Flashover, 60 Hz Dry (kV)	N/A	N/A	117
Withstand 10 sec hold, 60 Hz Wet (kV)	45	40	45
Critical Impulse Flashover – Pos. (kV)	125	125	238
Impulse Withstand – Positive (kV)	110	110	223
Impulse Flashover – Negative (kV)	N/A	N/A	N/A
Max RIV tested at 30kV (µV)	50	50	<50
<b>OTHER</b>			
Part Weight (lbs.)	-	-	10.4

