



HPI-SP-22

Technical Reference Number: 214P

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-22 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-22
DIMENSIONS			
Leakage distance (in.)	43	43	53.3
Dry-arc distance (in.)	N/A	N/A	20.2
4 hole pattern – thread size (in.)	½-13	½-13	½-13
Bolt Circle diameter (in.)	3	3	3
MECHANICAL VALUES			
Cantilever load (lbs.)	2,000	2,000	>2,000
Tensile strength (lbs.)	14,000	10,000	>14,000
Compressive strength (lbs.)	15,000	10,000	>15,000
Torsional strength (in-lbs.)	12,000	6,000	>12,000
Deflection @ 50% RCL (in.)			0.83
ELECTRICAL VALUES			
Typical application (kV)	46	46	46
Flashover, 60 Hz Dry (kV)	N/A	N/A	215
Withstand 10 sec hold, 60 Hz Wet (kV)	100	100	100
Critical Impulse Flashover – Pos. (kV)	280	280	373
Impulse Withstand – Positive (kV)	250	250	350
Impulse Flashover – Negative (kV)	N/A	N/A	N/A
Max RIV tested at 30kV (µV)	200	200	<200
OTHER			
Part Weight (lbs.)	-	-	15.0

