



HPI-SP-30

Technical Reference Number: 216P

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-30 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-30
DIMENSIONS			
Leakage distance (in.)	72	72	79
Dry-arc distance (in.)	N/A	N/A	28.5
4 hole pattern – thread size (in.)	½-13	½-13	½-13
Bolt Circle diameter (in.)	3	3	3
MECHANICAL VALUES			
Cantilever load (lbs.)	1,500	1,500	>1,500
Tensile strength (lbs.)	16,000	16,000	>16,000
Compressive strength (lbs.)	25,000	16,000	>25,000
Torsional strength (in-lbs.)	15,000	6,000	>15,000
Deflection @ 50% RCL (in.)			2.1
ELECTRICAL VALUES			
Typical application (kV)	69	69	69
Flashover, 60 Hz Dry (kV)	N/A	N/A	268
Withstand 10 sec hold, 60 Hz Wet (kV)	145	145	145
Critical Impulse Flashover – Pos. (kV)	390	390	505
Impulse Withstand – Positive (kV)	350	350	471
Impulse Flashover – Negative (kV)	N/A	N/A	N/A
Max RIV tested at 30kV (µV)	200	200	<200
OTHER			
Part Weight (lbs.)	-	-	18.1

