



## HPI-SP-18

Technical Reference Number: 210

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-18 has 4-hole pattern steel plates, tapped with ½-13 unified form special threads. It meets the electrical and mechanical requirements of ANSI C29.9.

- 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	HPI SP-18
<b>DIMENSIONS</b>		
Leakage distance (in)	37	41.7
Dry-arc distance (in)	N/A	16.7
4 hole pattern – thread size (in.)	½-13	½-13
<b>MECHANICAL VALUES</b>		
Cantilever load (lbs.)	2000	>2,000
Tensile Strength (lbs.)	12,000	>12,000
Compression Strength (lbs.)	15,000	>15,000
Torsional Strength (lbs.)	10,000	>10,000
<b>ELECTRICAL VALUES</b>		
Typical application (kV)	35	35
60 Hz Dry Flashover (kV)	N/A	186
60 Hz Wet Withstand (kV)	80	80
Critical Impulse Flashover – Positive (kV)	339	>225
Impulse Withstand – Positive (KV)	317	>200
Impulse Flashover – Negative (kV)	N/A	N/A
Max RIV (µV) tested at 10KV	100	<100
<b>OTHER</b>		
Part Weight (lbs)		~ 13.5

