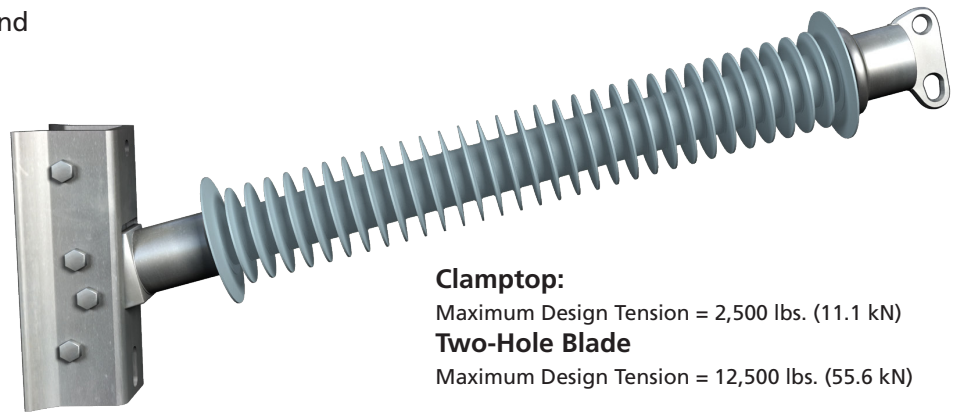


## Horizontal Line Post Insulators 3.0" (76.2 mm) Rod Diameter

Hubbell Power Systems offers a transmission product line to meet the needs of today's power utility. The 3" Quadri\*Sil® Line Post is an addition to the reliable product line that boasts a redundant four point sealing system. The Quadri\*Sil® product line will ensure the utmost protection against weather and contaminants in an unpredictable environment.

- Proprietary silicone rubber compound
- Direct bond design
- Uniform circumferential crimp



### Clamtop:

Maximum Design Tension = 2,500 lbs. (11.1 kN)

### Two-Hole Blade

Maximum Design Tension = 12,500 lbs. (55.6 kN)

## Horizontal Line Post Insulators 3.0" (76.2 mm) Rod Diameter

Selection Guide: Typical Line Voltage, kV <sup>(1)</sup>	Catalog Numbers <sup>(3)</sup>	Nominal Polymer Length inches	Section Length inches (mm)	Strike Distance inches (mm)	Leakage Distance inches (mm)	ANSI Values				IEC Values			SCL lbs. (kN)	
						<sup>(2)</sup> 60-Hz Dry Flashover (kV)	<sup>(2)</sup> 60-Hz Wet Flashover (kV)	<sup>(2)</sup> Critical Impulse Positive (kV)	<sup>(2)</sup> Critical Impulse Negative (kV)	<sup>(2)</sup> 60-Hz 1-minute Wet Withstand (kV)	<sup>(2)</sup> Impulse Positive Withstand (kV)	<sup>(2)</sup> Impulse Negative Withstand (kV)		
69 115 138 161 230 345														
	P300025S0020	025	38.5 (978)	27.9 (708)	82 (2083)	275	245	425	520	200	400	485	7500 (33.4)	
	P300026S0020	026	39.7 (1008)	29.2 (741)	88 (2235)	290	255	445	540	215	415	505	7500 (33.4)	
	P300031S0020	031	44.4 (1128)	34.0 (863)	101 (2565)	335	300	520	615	255	490	575	7500 (33.4)	
	P300036S0020	036	49.1 (1247)	38.9 (988)	116 (2946)	385	345	595	690	285	560	650	6670 (29.7)	
	P300042S0020	042	55.0 (1397)	44.9 (1140)	134 (3404)	445	400	690	785	340	685	740	5810 (25.8)	
	P300047S0020	047	59.7 (1516)	49.8 (1265)	149 (3785)	490	445	765	860	375	725	815	5261 (23.4)	
	P300052S0020	052	64.4 (1636)	54.7 (1389)	164 (4166)	540	490	840	935	410	790	884	4820 (21.4)	
	P300053S0020	053	65.6 (1666)	55.9 (1420)	168 (4267)	550	500	860	955	425	810	900	4720 (20.9)	
	P300057S0020	057	69.1 (1755)	59.5 (1511)	179 (4547)	585	535	915	1010	450	865	955	4440 (19.8)	
	P300058S0020	058	70.3 (1786)	60.7 (1542)	183 (4648)	600	545	935	1030	460	880	975	4350 (19.3)	
	P300063S0020	063	75.0 (1905)	65.6 (1666)	198 (5029)	645	590	1010	1105	495	950	1045	4040 (17.9)	
	P300064S0020	064	76.2 (1935)	66.8 (1697)	201 (5105)	660	600	1030	1125	510	970	1065	3970 (17.7)	
	P300068S0020	068	79.7 (2024)	70.4 (1788)	212 (5385)	695	635	1085	1180	535	1025	1120	3770 (16.8)	
	P300069S0020	069	80.9 (2055)	71.6 (1819)	216 (5486)	705	645	1105	1200	545	1045	1140	3710 (16.5)	
	P300074S0020	074	85.6 (2174)	76.5 (1943)	231 (5867)	755	690	1180	1275	585	1115	1210	3480 (15.5)	
	P300078S0020	078	90.3 (2294)	81.4 (2068)	246 (6248)	800	735	1255	1350	620	1185	1280	3280 (14.6)	
	P300083S0020	083	95.0 (2413)	86.2 (2189)	261 (6629)	850	780	1330	1430	655	1255	1350	3100 (13.8)	
	P300085S0020	085	96.2 (2443)	87.4 (2220)	265 (6731)	860	790	1350	1445	670	1275	1370	3050 (13.6)	
	P300089S0020	089	100.9(2563)	92.3 (2344)	280 (7112)	910	835	1425	1520	705	1345	1440	2900 (12.9)	
	P300094S0020	094	105.6(2682)	97.1 (2466)	294 (7468)	955	880	1500	1600	740	1420	1515	2760 (12.3)	
	P300095S0020	095	106.8(2713)	98.4 (2499)	298 (7569)	970	890	1520	1615	755	1435	1530	2720 (12.1)	
	P300099S0020	099	110.4(2804)	102.0(2591)	309 (7849)	1005	925	1575	1675	780	1490	1585	2630 (11.7)	
	P300103S0020	100	111.5(2832)	103.2(2621)	313 (7950)	1015	935	1595	1690	790	1510	1605	2600 (11.6)	
	P300105S0020	105	116.2(2951)	108.0(2743)	328 (8331)	1065	980	1670	1770	825	1580	1675	2480 (11.0)	

### Notes:

- 1) For voltages above 345 kV, other section lengths, or end fitting combinations, please contact your HPS representative.
- 2) Electrical values are without corona ring. For voltages equal to or greater than 220 kV, please contact your HPS representative.
- 3) The catalog number shown in the table is for a 3.0" (76.2mm) rod diameter line post with a two hole blade on the line end and an aluminum gain base on the tower end. For other end fitting combinations, please contact your HPS representative.

hubbelpowersystems.com  
hpsliterature@hps.hubbell.com

1850 Richland Avenue East, Aiken, SC 29801  
http://www.hubbelpowersystems.com  
E-mail: quadrisil@hps.hubbell.com  
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NOTE: Because Hubbell has a policy of continuous product improvement, we reserve the right to change design and specifications without notice.

