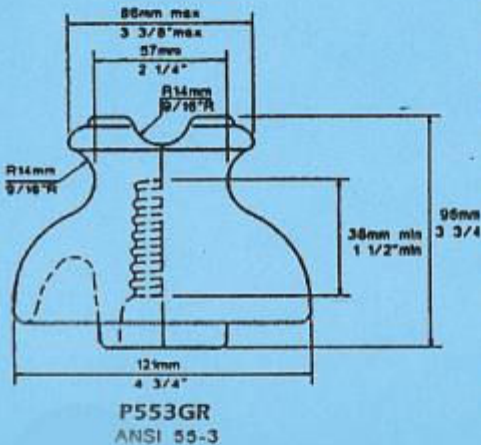
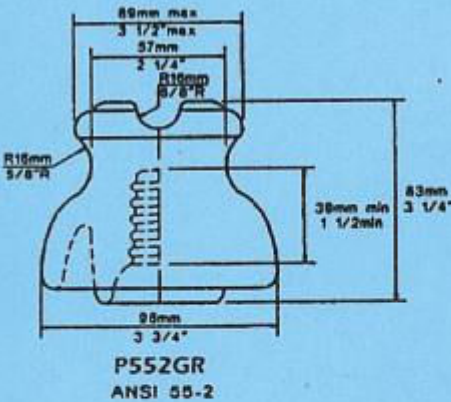
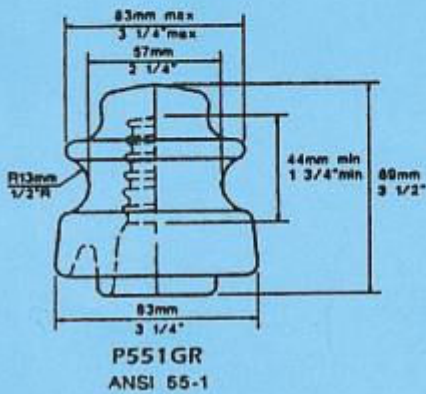


## Specification - ANSI C29.5



Catalog Number	P551GR	P552GR	P553GR
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### Dimensions (in.)

Pin Hole Diameter	1	1	1
Recommended Pin Length	4	4	5
Leakage Distance	4	5	7
Dry Arcing Distance	2-1/4	3-3/8	4-1/2

### Mechanical Values (Ultimate)\*

Cantilever Strength (lbs.)	3,000	2,500	2,500
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### Electrical Values (kV)

Typical Voltage Class	4.8	7.5	11.5
Low Frequency Dry Flashover	35	45	55
Low Frequency Wet Flashover	20	25	30
Impulse Flashover, Positive	50	70	90
Impulse Flashover, Negative	70	85	110
Low Frequency Puncture Voltage	50	70	90

### Radio Influence Voltage Data

Test Voltage, RMS to Ground (kV)	5	5	10
Maximum RIV at 1000 kHz (kV)	50	50	50

### Packing & Shipping Data

Net Weight Each (lbs.)	1.28	1.50	2.03
Packed Weight Each (lbs.)	1.37	1.57	2.30
Standard Package Quantity	48	32	24

\* Maximum Recommended Working Load = 40% of Cantilever Rating.  
GR = Gray Glaze, Radio-Treated



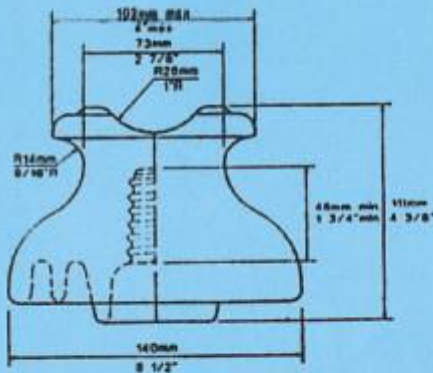
**POWERLINE HARDWARE**

245, North Lane Avenue, Jacksonville,  
Florida 32254

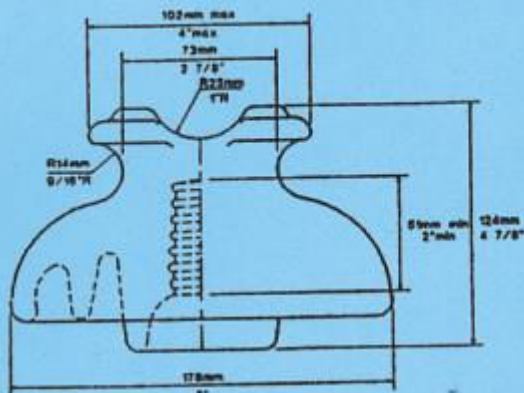
Phone : 904-695-9880

Fax : 904-695-9717

Website : [www.powerlinehardware.com](http://www.powerlinehardware.com)



**P554GR**  
ANSI 55-4



**P555GR**  
ANSI 55-5

Catalog Number	P554GR	P555GR
ANSI Class	55-4	55-5

**Dimensions (in.)**

Pin Hole Diameter	1	1
Recommended Pin Length	5	6
Leakage Distance	9	12

**Mechanical Values (Ultimate) \***

Cantilever Strength (lbs.)	3,000	3,000
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**Electrical Values (kV)**

Typical Voltage Class	13.5	15
Low Frequency Dry Flashover	65	80
Low Frequency Wet Flashover	35	45
Impulse Flashover, Positive	105	130
Impulse Flashover, Negative	130	150
Low Frequency Puncture Voltage	95	115

**Radio Influence Voltage Data**

Test Voltage, rms to Ground (kV)	10	15
Maximum RIV at 1000 kHz (µV)	50	100

**Packing & Shipping Data**

Net Weight Each (lbs.)	3.5	5.5
Packed Weight Each (lbs.)	3.67	7.33
Standard Package Quantity	18	6

\* Maximum Recommended Working Load = 40% of Cantilever Rating.  
GR = Gray Glaze, Radio-Treated



**POWERLINE HARDWARE**

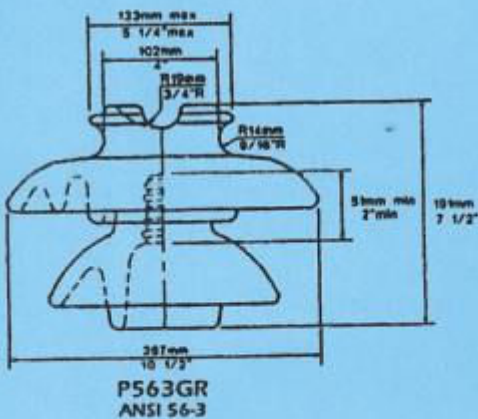
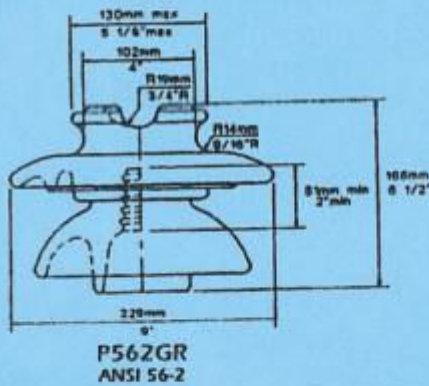
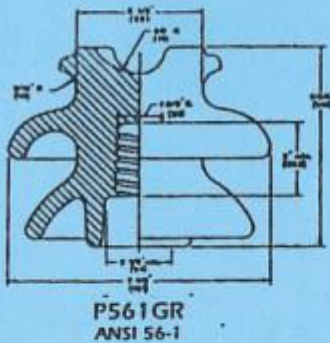
245, North Lane Avenue, Jacksonville,  
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Phone : 904-695-9880

Fax : 904-695-9717

Website : [www.powerlinehardware.com](http://www.powerlinehardware.com)

## Specification - ANSI C29.6



Catalog Number	P561GR	P562GR	P563GR
ANSI Class	56-1	56-2	56-3

Dimensions (in.)			
Leakage Distance	13	17	21
Dry Arcing Distance	7	8-1/4	9-1/2
Minimum Pin Height	6	7	8

Mechanical Values (Ultimate)*			
Cantilever Strength (lbs.)	2,500	3,000	3,000

Electrical Values (kV)			
Typical Voltage Class	23	23	34.5
Low Frequency Dry Flashover	95	110	125
Low Frequency Wet Flashover	60	70	80
Impulse Flashover, Positive	150	175	200
Impulse Flashover, Negative	190	225	265
Low Frequency Puncture Voltage	130	145	165

Radio Influence Voltage Data			
Test Voltage, RMS to Ground (kV)	15	22	30
Maximum RIV at 1000 kHz (µV)	100	100	200

Packing & Shipping Data			
Net Weight Each (lbs.)	7	9.5	15
Packed Weight Each (lbs.)	8.8	12.5	19
Standard Package Quantity	6	4	3

\* Maximum Recommended Working Load = 40% of Cantilever Rating.  
 GR = Gray Glaze, Radio-Treated  
 Standard 1-3/8" Diameter Threads

