

## Standoff Insulators

### ROUND 4000 SERIES INSULATORS

**Physical and Electrical Properties**

Tensile Strength (lbs.).....	2500-2700
Cantilever Strength (in. lbs.).....	2500-3750
Compression Strength (lbs.).....	17000
Thread Stripping Torque (ft. lbs.).....	30
Dielectric Strength (volts S.T.).....	15000
Arc Resistance (sec. ASTM D495).....	180 +
Water Absorption (% in 24 hrs. @ 23°C).....	0.15
Height Tolerance (in.).....	±.015
Creep Distance (in.).....	1/4"+Ht.
UL subject 94 Flame Resistance.....	94 V-0



Item	Voltage Rating	Shape	Diameter	Height	Inserts		pkg qty
R4150-A3	1500	Round	1.75	1.50	5/16-18 x 3/8	Aluminum	200
R4150-S3	1500	Round	1.75	1.50	5/16-18 x 3/8	Steel	200
R4150-A4	1500	Round	1.75	1.50	3/8-16 x 3/8	Aluminum	200
R4150-S4	1500	Round	1.75	1.50	3/8-16 x 3/8	Steel	200
R4162-A4	1600	Round	1.75	-	3/8-16 x 3/8	Aluminum	175
R4175-A3	2000	Round	1.75	1.75	5/16-18 x 3/8	Aluminum	175
R4175-A4	2000	Round	1.75	1.75	3/8-16 x 3/8	Aluminum	175
R4175-S4	2000	Round	1.75	1.75	3/8-16 x 3/8	Steel	175
R4187-A5	2000	Round	1.75	1.875	3/8-16 x 9/16	Aluminum	175
R4200-A3	2500	Round	1.75	2.00	5/16-18 x 3/8	Aluminum	150
R4200-A4	2500	Round	1.75	2.00	3/8-16 x 3/8	Aluminum	150
R4200-S4	2500	Round	1.75	2.00	3/8-16 x 3/8	Steel	150
R4200-A5	2500	Round	1.75	2.00	3/8-16 x 9/16	Aluminum	150
R4200-S5	2500	Round	1.75	2.00	3/8-16 x 9/16	Steel	150
R4225-A5	2700	Round	1.75	2.25	3/8-16 x 9/16	Aluminum	108

All GRT Genesis Standoff Insulators are moulded from a Flame Retardant and Track Resistant glass reinforced Thermoset Polyester molding compound recognized for current carrying devices under UL Material Recognition Number E 80533 (N). They combine high Mechanical Strength with high Arc Resistance and Dielectric properties at elevated temperatures and humidity. These shatter resistant insulators meet the most exacting standards for a variety of applications.