

## Standoff Insulators PANEL AND SWITCHBOARD

**Physical & Electrical Properties**

Tensile Strength (lbs.).....	1200
Cantilever Strength (lbs.).....	600
Compression Strength (lbs.).....	8000
Thread Stripping Torque (ft. lbs.).....	10
Dielectric Strength (volts S.T.).....	10000
Arc Resistance (sec. ASTM D495) .....	180+
UL subject 94 Flame Resistance.....	94 V-0
Water Absorption (% in 24 hrs. @ 23°C).....	0.15
Height Tolerance (in.).....	±.015



Item #	Voltage Rating	Shape	Diameter	Height	Inserts		Pkg qty
1100-A1	600	Hex	1.125	1.00	1/4-20 x 5/16	Aluminum	500
1125-A1	600	Hex	1.125	1.25	1/4-20 x 5/16	Aluminum	500
1125-A1X	600	Hex	1.125	1.25	1/4-20 x 5/16	Aluminum	500
R1100-A1	600	Round	1.00	1.00	1/4-20 x 5/16	Aluminum	500
R1125-A1	600	Round	1.00	1.25	1/4-20 x 5/16	Aluminum	500

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.