

Standoff Insulators

ROUND 600 VOLT 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
R2137-A4	600	Round	1.75	1.375	3/8-16 x 3/8	Aluminum	225
2138-A4	600	Ribbed Hex	1.75	1.375	3/8-16 x 3/8	Aluminum	300
2137-A4RIB	600	Ribbed	1.75	1.375	3/8-16 x 3/8	Aluminum	225
R2137-S4	600	Round	1.75	1.375	3/8-16 x 3/8	Steel	225
R2137-A3	600	Round	1.75	1.375	5/16-18 x 3/8	Aluminum	225
R2137-S3	600	Round	1.75	1.375	5/16-18 x 3/8	Steel	225
R2137-A3/M8	600	Round	44.5 mm	35 mm	M8 x 1.25 x 9.5	Aluminum	225

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.