



Xtreme Tag® Rivet

Physical Specifications

Tag Dimensions	155 L x 37 W x 6 H (mm) (6.1 L x 1.5 W x 0.2 H (inches))
Mounting Hole Diameter	5.3 mm (0.21 inches)
Weight	31 grams (0.068 lbs)
Packaging	300 tags per box
Attachment Method	2 rivets or screws
Resin	Polypropylene

RF Specifications

RF Protocol	UHF, EPC Class 1 Gen 2, ISO 18000-6C
Operating Frequency	860 - 960 MHz (Global)
Read Range (Typical)	5 Meters (16 Feet)
Write Distance (Typical)	2.44 Meters (8 Feet)

Environmental Specifications

Operational Temperature	-40C to 85C (-40F to 185F)
Application Temperature	-40C to 160C (-40F to 320F)
Mounting Substrates	Plastic, Wood
Humidity	40% to 80% RH
UV Stabilization	10 Years
Chemical Resistance	Water, Motor Oil, Hydraulic Oil, Dishwashing Detergent, Windex, Gasoline, Isopropyl Alcohol, Mineral Spirits, Acetone, Bleach, 409 Cleaner or Fantastic All Purpose Cleaner, Methyl Ethyl Ketone (MEK), Machine Oil

Environmental and Performance Testing

Ingress Protection (IP) Rating	IP68
Thermal Shock I In Accordance with IEC 60068-2-14 Test Nb	-20C to 85C (-4F to 185F)
Thermal Shock II In Accordance with IEC 60068-2-14 Test Na	-40C to 70C (-40F to 158F)
Pressure Test	241 Bar Water Pressure Washer (3500 PSI Water Pressure Washer)
Steel Ball Impact Test	1.8 kg ball drop from 1.52 meters 5 times (4 lb ball drop from 5 feet 5 times)
Maximum Water Submersion Depth	4.0 km (2.5 miles)

* Testing performed in an A2LA Accredited Laboratory