



XTREME VX-Mini HT

Part #RF045

Physical Specifications

Tag Dimensions	17.02 x 61.47 x 7.5 (mm) (2.420 L x .67 W x .295 H (inches))
Encapsulation	One piece no welding construction
Mounting Hole Diameter	4.83 mm (.19 inches)
Mounting Hole Spacing (on-center)	49.78 mm (1.96 inches)
Weight	7.4 grams (0.2 lbs)
Packaging	500 tags per box
Attachment Method	2 screws or rivets; 3M high strength VHB adhesive
Resin	Polypropylene, rigid

RF Specifications

RF Protocol	UHF, EPC Class 1 Gen 2, ISO 18000-6C
IC Type	Alien Technology Higgs 3
IC Memory	96 bit EPC
Operating Frequency	902 - 928 MHz (U.S. Band)
Read Range (Typical)	3.05 Meters (10 Feet)

Environmental Specifications

Operational Temperature	-40C to 85C (-40F to 185F)
Application Temperature	40C to 190C (-40F to 374F)
Mounting Substrates	Metal
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	IP69K
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)
Steel Ball Impact Test	1.8 kg ball drop from 1.52 meters 5 times (4 lb ball drop from 5 feet 5 times)

* Testing performed in an A2LA Accredited Laboratory

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|| XTR VX-Mini HT

When a day in the office involves handling molten steel, you need a tag that won't melt under pressure. Our XTR VX-Mini HT—High Temp works like a boss in temperatures as high as 85 degrees Celsius. Fight extreme with Xtreme—we're ready!

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A unique joint development effort by U.S. companies, Vizinex RFID and Xtreme RFID, combines RFID label manufacturing expertise and over 40 years of plastic injection molding expertise to deliver the Allied Series of rugged RFID tags necessary to advance asset tracking capabilities in harsh, industrial environments.