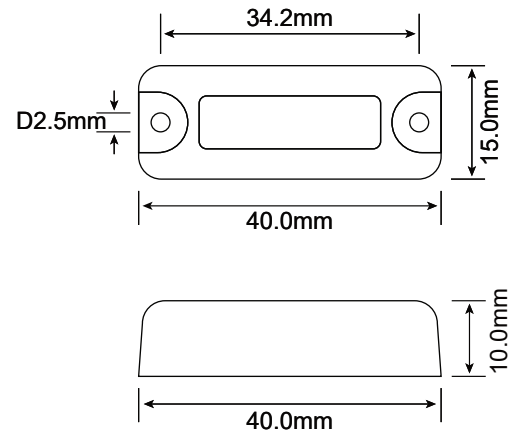




Rhino HT-HTP 4015 is a high temperature RFID tag optimized for metal surfaces. This tag has the ability to withstand continuous exposure to 260°C temperature for long hours with upto 300°C for 100 hours. The tag has a rugged encapsulation that makes it ideal for deployment in high impact environments with exposure to extreme heat.

PHYSICAL SPECIFICATION

Tag Material	PEEK
Tag Dimensions	40 x 15 x 10 mm, (Hole: D 2.5mm x 2) 1.57 x 0.59 x 0.39 in, (Hole: D 0.09 in x 2)
Mounting Method	Screw
Weight	6 gms
Delivery Format	Single Pieces



RF SPECIFICATION

Mode of Operation	Passive
Device Type	Plastic Hard Tag
Air Interface Protocol	EPC Class1 Gen2, ISO18000-6C
Operational Frequency	ETSI: 865-868MHz FCC: 902-928MHz
IC Type	UCODE8
Memory Configuration	EPC 128bits, USER 0 bits, TID 96bits
Write Cycle Endurance	100,000
Data Retention	Upto 50 years
Applicable Surface Materials	Metallic surfaces
Read Range (Fixed Reader)	ETSI : On metal upto 6m, Off metal upto 1.7m FCC : On metal upto 6m, Off metal upto 1.7m

ENVIRONMENTAL RESISTANCE

Operating Temperature	-40°C to +150°C / -40°F to 302°F
Withstands Exposure To	-40°C to +260°C / -40°F +500°F, +300°C / +572°F for 100 hours
Peak Temperature	+300°C / +572°F
Recommended Application Temperature	+10°C to +38°C / 50°F to +100.4°F
Water Resistance (IP Rating)	IP68
Ideal Storage Condition	-40°C to +260°C / -40°F +500°F, +300°C / +572°F for 100 hours
Expected Lifetime	Years in normal operating conditions

PRODUCT INSTALLATION



The tag can be attached to the surface using the following fixing methods

- **Mechanical Fixing:**

Achieved by using a screw and is recommended for environments that involve high mechanical stress.

During fixing make sure there is no air gap left in between the metal surface and tag.

PERSONALIZATION OPTIONS

Pre-encoding

- Customer specific encoding of EPC

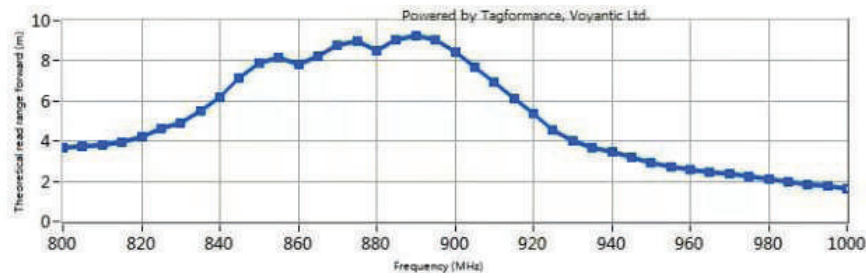
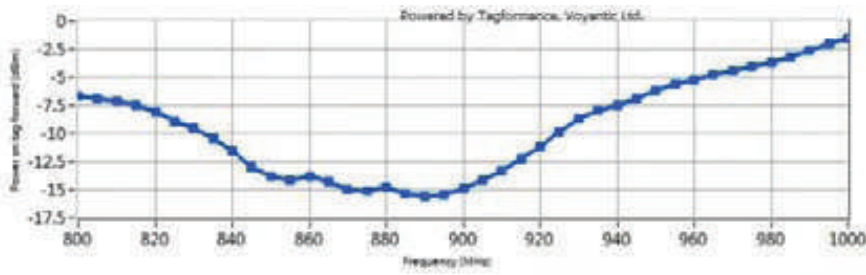
ORDER INFORMATION

Part Number

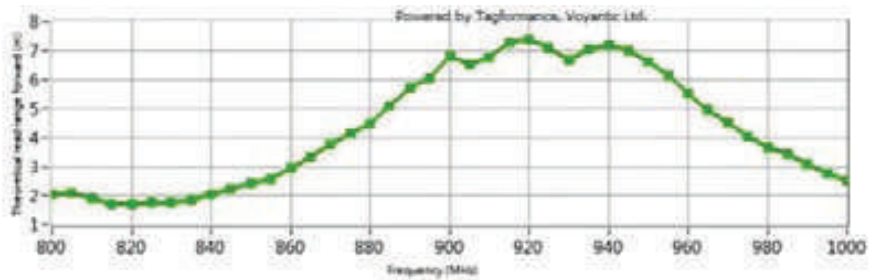
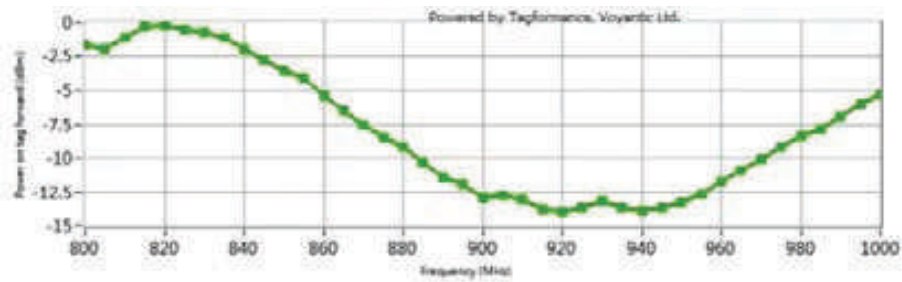
- RF.HT-HTP.4015.ETSI.U8
- RF.HT-HTP.4015.FCC.U8

READ RANGE GRAPH (ETSI & FCC)

ETSI



FCC



** The indicated read range values are measured in our laboratory testing environment, where antennas with optimum directivity are used with maximum allowed operating power. Different surface materials and environments may exhibit different results.



Version : 101121.01