



## AGX NW01 Tag (Optional Offshore Version)



Product Description	RF NW01 Tag
<b>Electrical Characteristics</b>	
Operating Frequency	UHF 902-928 MHz (US); 866-868 MHz (EU)
Chip type	Alien Higgs-3
RFID Standards	EPCGlobal Class1 Gen 2; ISO18000-6C
Read range	Depending on read/write performance of the RFID Reader up to 5 ft (1.5 m)
Memory configuration	96-EPC bits; 512-bit user memory
Memory – expected read / write cycles	100,000 cycles at 77°F (25°C)
Polarization	Linear
Application temperature (MIL STD 810-F)	from -22°F (-30°C) +302°F (+150°C)
Operational temperature (MIL STD 810-F)	from -22°F to +185°F (-30°C to +85°C)
Data preservation	Up to 50 years *
Packaging Protection Class	IP68
Shock, vibration and impact	MIL-STD-810F, resistant to mallet impact
Color	Green
Read rate	400 tags per second for 96-EPC bit number
Industry Compliance	CE, RoHs, ATEX
Material specifications	Engineering grade nylon polymer
Attachment	Plug in, epoxy (optional)
Embed hole dimensions	ø 34.5 (+/- 0.2) x 7.5 (+/- 0.15)mm / ø 1.4(+/- 0.008) x 0.3 (+/- 0.006)in
<b>Physical Characteristics</b>	
Dimensions: ø 34.5x 7.5 mm / ø 1.4 x 0.3 in	
Article no:	RF NW01 Tag
<b>Typical Applications</b>	
Oil & Gas Industry	Automotive
Heavy Metall Industry	identification and back tracing
bio/chemistry/forensic/pharmacy/environment	process control, QS & monitoring



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