

## Alien Squiggle RFID Labels

### Features:

- Thermal transfer, smooth paper label with a permanent acrylic adhesive
- Recommended for printing applications up to 12 inches per second
- *World Tag* compliant for use across global operating frequencies
- Most widely used general-purpose tag for a variety of applications
- Designed to work well in challenging dielectric environments

### Suggested Applications:

- Supply chain management
- Shipping labels
- Pallet and Case level tracking
- Asset management

### Material Construction:


	Description	Caliper
Facestock	White smooth topcoated paper	2.6 mil
Adhesive	Permanent, acrylic-based	0.6 mil
Liner	40 lb. kraft stock	2.4 mil
	<b>Total*</b>	5.6 mil +/- 10%

\*Does not include RFID inlay

### Temperature Performance:

- Minimum Application Temperature: 25° F (-4° C)
- Service Temperature: -40° F to 200° F (-4° C to 93° C)
- Optimal Storage Conditions: 72° F (22° C) at 50% RH
- Expected Exterior Life: Not recommended for outdoor use

## Technical Specifications

	Alien Squiggle (ALN-9740)
<b>Inlay</b>	
<b>Integrated Circuit</b>	Higgs 4
<b>Protocol</b>	EPC Class 1 Gen 2 (V 1.2.0), ISO/IEC 18 000-6C
<b>Operation frequency</b>	840 - 960 MHz
<b>Operating temperature</b>	-40 to 158° F @ 20-90% RH
<b>Memory</b>	448 bits NVRAM which includes: 128 EPC Bits 128 User Bits 32 Bit TID 64 Bit Unique TID 32 Bit Access 32 Bit Kill Passwords
<b>Antenna Size</b>	3.732" x 0.319" in

### Product Performance and Suitability

The information contained in this document is to be used for guidance only and is not intended for use in setting specifications. All purchasers of Zebra products shall be solely responsible for independently determining if the product conforms to all requirements of their unique application.