
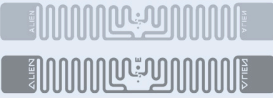





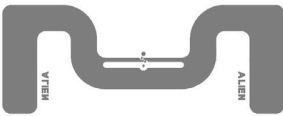



Alien Family of EPC Gen 2 RFID Inlays

Inlays: Squiggle Family

	Higgs-3	Higgs-4	Antenna Size ¹	Application	Features	Benefits
Squiggle™ (SQ) 	ALN-9640	ALN-9740	3.732" x 0.319" 94.8mm x 8.1mm	Item/asset tracking including: pallet placards, cases, baggage, denim, poly bags, electronics, apparel tags and boxed items.	Squiggle is one of the most widely used general purpose tags. Family extends the Squiggle features into different form-factors. One of the best performing general purpose tag family on the market. Designed to work well in challenging environments.	Well proven design for a broad range of worldwide applications. All Alien tags are world-tags and work well in all regions. Tags denoted with an "E" on the model number (and name) are <i>especially</i> tuned for optimal performance in Europe (but are still world tags). A very robust general purpose tag (for ultimate robustness in high dielectric environments - see Aliens "G" or "BAT" tags).
Squiglette (ST) and Squiglette-E (STE) 	ALN-9630	ALN-9730 ALN-9730-E ²	2.756" x 0.374" 70mm x 9.5mm			
Short (SH) 	ALN-9662	ALN-9762	2.756" x 0.669" 70mm x 17mm			
Squig (SG) 	ALN-9610	ALN-9710	1.752" x 0.409" 44.5mm x 10.4mm			

Inlays: High Dielectric Family / Automotive (Tires, Windshields)

	Higgs-3	Higgs-4	Antenna Size ¹	Application	Features	Benefits
G Tag (G) 	ALN-9654	N/A	3.66" x 0.748" 93mm x 19mm	High density plastic totes, windshields, batteries etc.	Exceptional performance for high dielectric mounting.	Designed for use on glass, plastics, wood or other materials normally challenging for RF.
BAT (BAT) 	N/A	ALN-9770	3.25" x 1.25" 82.5mm x 32mm	Automotive batteries, fluid filled objects, plastic containers and metal filled objects.	Highly tuned for read rates and distances when amongst metal/water based objects contained in plastics, glass etc	Designed for high read and write performance when applied to thin high-dielectric materials especially when these dielectrics contain challenging materials like metal and water based fluids.
Wonder Dog™ (WD) 	N/A	ALN-9768	3.30" x 0.91" 86mm x 23mm	General purpose, automotive metalized windshields/ head lamp and consumer electronic devices.	Both a good general purpose tag but also excellent near metal or fluids. Excellent with lower power readers (e.g. handheld)	Excellent general purpose high performance tag that can be also be used on metalized windshields, water filled bottles even with a low power handheld reader.

¹ Sizes are approximate. **These are inlay antenna sizes.** Tags and labels will be larger. Please refer to specific product details available on Alien's website for exact measurements - www.alientechnology.com

² All Alien tags are world-tags and work well in all regions. However, tags denoted "E" are specially tuned for optimal performance in Europe.



Inlay Application Guide:

This table is a guide to assist narrowing the inlay types that may be relevant in your application. Tags should always be tested in their application but this table should help narrow that initial selection.

	Squiggle Family				Specialized Retail				High-Dielectric / Automotive			Form-factor			
	Squiggle® (SQ)	Short (SH)	Squiglette (ST)	Squig (SG)	Glint (GL)	HiScan (HS)	GT-Tag (GT)	Spider-360 (SP)	BAT-Tag (BAT)	Wonder-Dog (WD)	G-Tag (G)	SlimLine (SL)	2x2	Square (1x1)	SIT (SIT)
Higgs™4 Model #	ALN-9740	ALN-9762	ALN-9730 ALN-9730-E	ALN-9710	ALN-9715	ALN-9720	ALN-9728	ALN-9726	ALN-9770	ALN-9768	N/A	ALN-9745	N/A	N/A	ALN-9713
Higgs™3 Model #	ALN-9640	ALN-9662	ALN-9630	ALN-9610	N/A	N/A	N/A	N/A	N/A	N/A	ALN-9654	N/A	ALN-9634	ALN-9629	ALN-9613
Retail	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best
Mobile Asset Tracking*	Best	Best	Best	Best	Better	Better	Better	Better	Better	Better	Better	Better	Better	Better	Better
Automotive	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best
Pharma	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best
Ultra compact	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best
Wood/ Plastic/ Glass	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best
General Purpose	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best	Best
Ref Design Available?	Yes	Yes	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes

	Best
	Better
	Good
	N/A

* Includes Consumer Electronic Devices (TV's, STB's etc)

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HANDLING PRECAUTIONS Observe standard handling practices to minimize ESD.

DISCLAIMER Application recommendations are guidelines only - actual results may vary and should be confirmed. This is a general purpose product not designed or intended for any specific application.

This product is covered by one or more of the following U.S. patents: 7967204, 7931063, 7868766, 7737825, 7716208, 7716160, 7688206, 7659822, 7619531, 7615479, 7598867, 7580378, 7576656, 7562083, 7561221, 7559486, 7559131, 7554451, 7551141, 7542301, 7542000, 7531218, 7522055, 7500610, 7489248, 7453705, 7425467, 7417306, 7411503, 7382284, 7377445, 7364084, 7353598, 7342490, 7324061, 7321159, 7301458, 7295114, 7288432, 7265675, 7262686, 7260882, 7253735, 7244326, 7218527, 7194569, 7199527, 7193504, 7173528, 7172910, 7172789, 7141176, 7111259, 7101502, 7080444, 7070851, 7068224, 7046328, 6995644, 6980667, 6953561, 6900184, 6970219, 6952157, 6942155, 6933848, 6927085, 6916380, 6700896, 6731353, 6693384, 6683663, 6665044, 6657289, 6623579, 6606247, 6606079, 6590346, 6586338, 6566744, 6555408, 6527864, 6479395, 6468638, 6420266, 6316278, 6291896, 6281038. Other patents pending.

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For more information on the tags above:

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