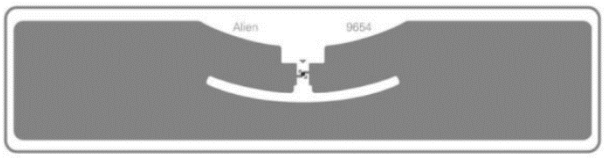
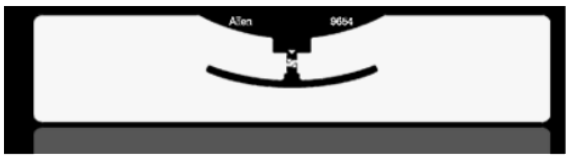
Alien-9654 G inlay (Higgs th 3)

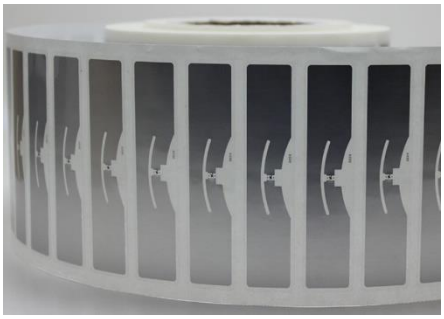
The ALN-9654 is an ultra-high-performance, general-purpose RFID inlay especially well-suited for high-dielectric materials such as windshields and reusable plastic pallets or containers

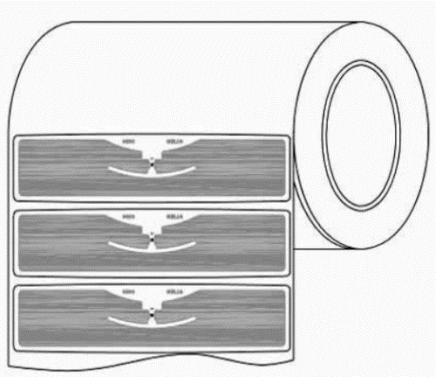




Applications

- Windshield glass
- Reusable plastic pallets
- Totes and containers
- Asset management
- High speed motocross and triathlon tagging





FEATURES	DESCRIPTIONS	BENEFITS
Exceptional performance for high-dielectric mounting	Designed for use on glass, plastic, wood, or other challenging insulator materials	Performance tuned for challenging materials
Multiple frequency optimized sensitivity	Optimized for high performance in all world regions	A worldwide performance tag

Basin Info

Model No.	UHF RFID Label 9654	**Chip / Size**	Higgs3(H3) / 95*19.5mm
Chip type	Read / Write	**Material**	PET paper
Printing Method	Logo / Number Printing	**Label size**	101.6*25.4mm
Inlay Frequency	860-960 MHz	**Roll Size**	40, 75 mm
Reader Function	3-5m / Great performance	**Pieces (Roll)**	500, 1000 (per roll)
Delivery Time	3-7 days depend on distance	**Antennas**	Alien-9654 (ALN-9654)
Shipping cost	Depend on Agreement	**Tear Line**	Yes
Origin	China	**Label color**	White

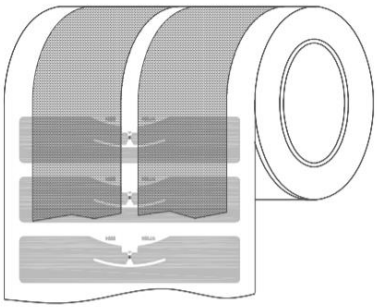
Product Overview

Higgs™3 UHF RFID IC and innovative antenna design, the ALN-9654 delivers industry leading EPC Gen 2 performance and reliability.

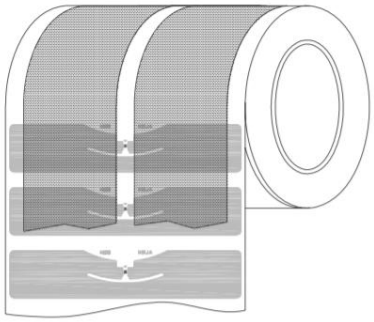
ALN-9654 inlays are World Tag compliant, enabling consistent operation across the diverse frequencies of the Americas, Europe, Middle East, Asia, and Africa.

With its Higgs-3 core, the “G” delivers ultra-high, “best-of-breed” performance. It is especially well suited for challenging materials with high-dielectrics, such as plastic and glass (hence the “G” nickname).

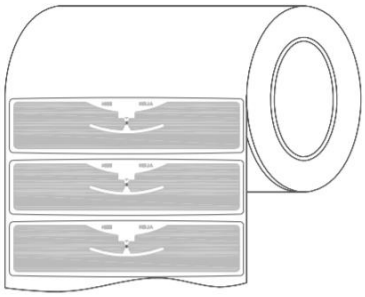
ALN-9654 Inlay Orientation



ALN-9654-FR
(Dry Unslit Roll)



ALN-9654-FSR
(Dry Slit Roll)

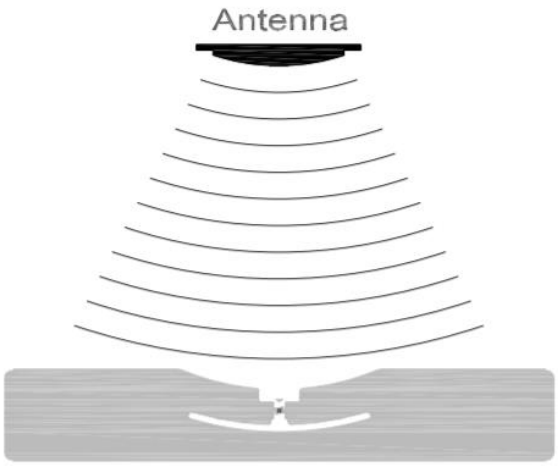


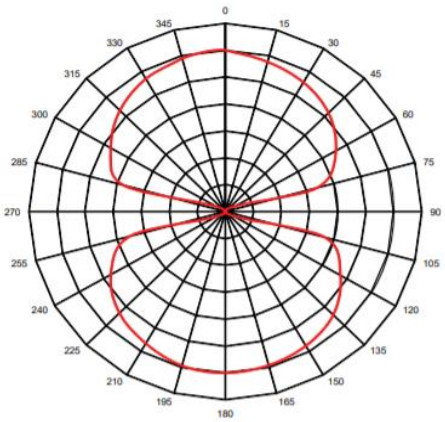
ALN-9654-FWRW
(White Wet Roll)

Standard Alien Inlay rolls unwind with metal antenna side facing outward, with respect to the core

ALN-9654 Inlay Angular Sensitivity

Inlay is rotated in the x, y, plane about the z axis (tag shown at 0° with respect to face of antenna)





(Relative Read Range vs. Orientation)