

TITAN Pallet

RFID Class1 Gen2

RFID Tag for Non-Metal Pallet

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RFcamp Ltd.



Titan Pallet is most robust RFID Gen2 tag with broad frequency bandwidth covering ETSI, FCC and JTI band by single tag. Main applications include plastic pallet, bin and containers. Also used as windshield tags in several countries.



Protocol	EPC Class1 Gen2& ISO18000-6-C
Chip	Alien Higgs3 [96 bits EPC memory + 512 bits User memory]
Dimensions	94mm*11mm*1.4mm
Materials	PCB FR4 with copper etched antenna Heat pressed mass lamination
Customers	Reliance Group (India), Dole Philippines, GS CALTEX (Korea), etc

Read performance	Alien 8800 reader		AT570 reader	
	Attached	Inserted	Attached	Inserted
Read range	8.0m	5.0m	3.0m	2.0m

Robustness	Ingression	High temp.	Thermal cycle	Humidity	Iron ball fall	Vibration
Standard	IP68	200°C	-45°C ↔ 85°C	85°C/95%RH	1kg/1.5meter	IEC
Titan Pallet	Pass	6 hours	500 times	168 hours	Pass	Pass

Quantity	5,000	10,000	100,000	250,000	800,000	1,500,000
Unit price (USD)	0.950	0.820	0.700	0.625	0.550	0.485
Lead time	2 weeks	2 weeks	3 weeks	4 weeks	8 weeks	12 weeks

Unit price* - FOB Korea