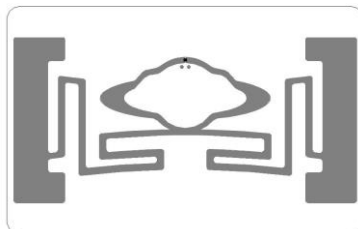
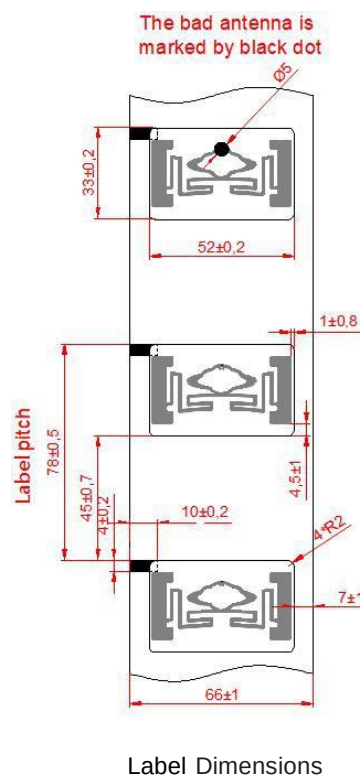
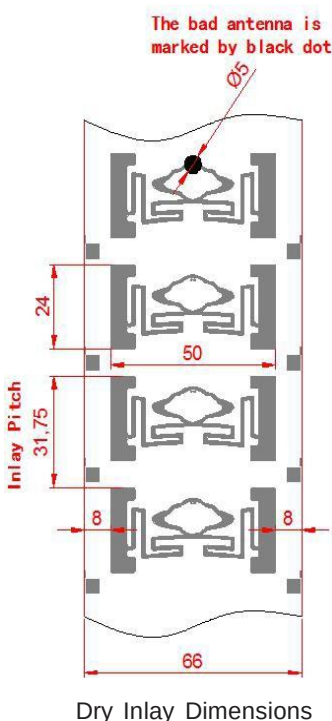


UHF Label Model UFO50



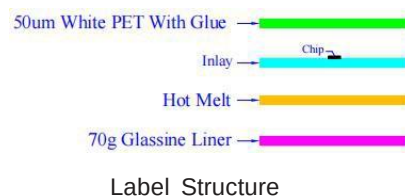
Structure Parameter

Antenna substrate	PET
Antenna material	AL
Face material	50um White PET With Glue
Liner	Label : glassine liner
Antenna size	50 x 24 mm / 2.09" x 0.94"
Inlay size	Label die cutting size: 52 x 33 mm / 2.05" x 1.3"
Width	66 mm / 2.6"
Pitch	Dry inlay : 31.75 mm / 1.25" Label: 78 mm / 3.07"
Delivery format	Dry inlay : 5000 pcs/reel Label : 2000 pcs/reel
Reel core inner diameter	76.2 mm / 3"
Weight	Dry inlay : about 0.96 kg/reel



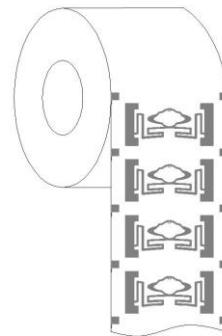
Environment Requirement

Operating temperature	-40°C ~ 85°C / -40°F ~ 185°F
Storage temperature	-20°C ~ 50°C / -4°F ~ 122°F
Storage humidity	20~90% relative humidity
Shelf life	Recommended storage condition : 20°C ~ 30°C (68°F ~ 86°F), 40 ~ 60% RH, anti-static bag sealed packaging, 2 years shelf life in this condition

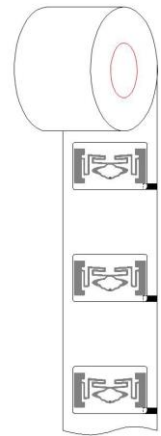


Electronic Specification

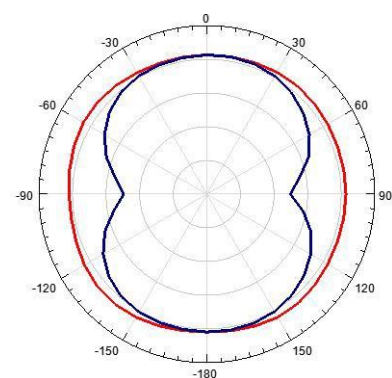
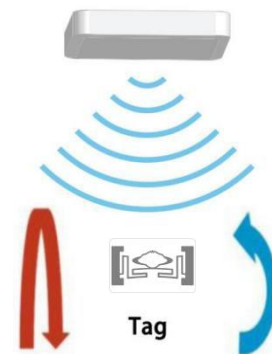
Device type	Class 1 Generation 2 passive UHF RFID transponder
Air interface protocol	EPC Global Class1 Gen2 ISO 18000-6C
Operating frequency	860-960MHz
Chip	NXP Ucode 8
Memory	EPC : 128 bit, read/write; TID : 96 bit, read only; User memory : 0 bit, read/write; Password : 32 bit kill password + 32 bit access password, read/write
Read range	Up to 10 m / 32.81 ft (36 dBm EIRP, with fixed reader)
Write endurance	100, 000 times
Data retention time	10 years



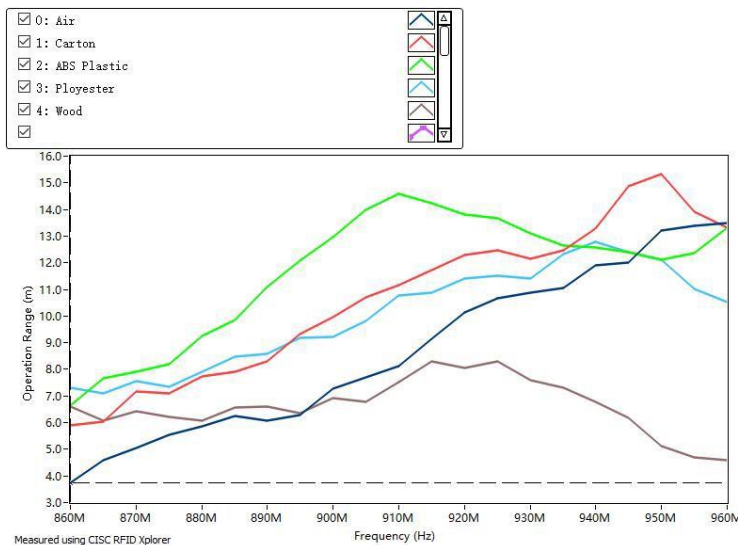
Dry Inlay Orientation



Label Orientation



Radiation Pattern (Red curve for red arrow rotating method, blue curve for blue arrow rotating method)



Read range (36 dBm EIRP, with standard test system)