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SMART RFID LABELS

For Retail, Asset Tracking, Manufacturing & Supply Chain



SMART RFID LABELS



	Syndicate GP	Syndicate 9610	Syndicate 9640	Syndicate 9654	Syndicate 9662	Syndicate Book Labels
Product Picture						
Face Stock	Printable White Paper	Printable white PET, resin ribbon is recommended	Printable white PET, resin ribbon is recommended	Printable white PET, resin ribbon is recommended	Printable white PET, resin ribbon is recommended	Printable white Paper
Label Sizes	101.6 x 50.8 x 0.2 mm / 4.0 x 2.0 x 0.01 in 101.6 x 152.4 x 0.2 mm / 4.0 x 6.0 x 0.01 in	50.8 x 13.50 x 0.2 mm 2.0 x 0.53 x 0.01 in	101.6 x 12.0 x 0.2 mm 4.0 x 0.47 x 0.01 in	99.0 x 22.0 x 0.2 mm 3.9 x 0.87 x 0.01 in	73.0 x 20.0 x 0.2 mm 2.87 x 0.79 x 0.01 in	50 x 50 x 0.2 mm / 1.97 x 1.97 x 0.01 in 80 x 50 x 0.2 mm / 3.15 x 1.97 x 0.01 in
Weight	4.0 x 2.0 in - 0.95 gms 4.0 x 6.0 in - 2.60 gms	0.18 gms	0.75 gms	0.75 gms	0.42 gms	Book I - 0.76 gms Book II - 1.1 gms
Delivery Format	On reel	On reel	On reel	On reel	On reel	On reel
No. of Labels/ Reel	4.0 x 2.0 in - 1500 pcs 4.0 x 6.0 in - 500 pcs	2000 pcs	2000 pcs	2000 pcs	2000 pcs	Book I - 1000 pcs Book II - 500 pcs
Label Pitch	4.0 x 2.0 in label : 53.98 mm / 2.125 in 4.0 x 6.0 in label : 155.58 mm / 6.125 in	16.93 mm / 0.67 in	17.99 mm / 0.71 in	26.46 mm / 1.04 in	26.5 mm / 1.08 in	50 x 50 mm book label : 53.98 mm / 2.13 in 80 x 50 mm book label : 84.14 mm / 3.31 in
Core Inner Diameter	76 mm / 3 in	76 mm / 3 in	76 mm / 3 in	76 mm / 3 in	76 mm / 3 in	76 mm / 3 in
Device Type	Class 1 Gen 2 Passive UHF RFID transponder	Class 1 Gen 2 Passive UHF RFID transponder	Class 1 Gen 2 Passive UHF RFID transponder	Class 1 Gen 2 Passive UHF RFID transponder	Class 1 Gen 2 Passive UHF RFID transponder	Passive HF RFID transponder
Air Interface Protocol	EPC Global Class 1 Gen 2 ISO 18000-6C	EPC Global Class 1 Gen 2 ISO 18000-6C	EPC Global Class 1 Gen 2 ISO 18000-6C	EPC Global Class 1 Gen 2 ISO 18000-6C	EPC Global Class 1 Gen 2 ISO 18000-6C	ISO/ IEC 15693
Operational Frequency	Global 860-960 MHz	Global 860-960 MHz	Global 860-960 MHz	Global 860-960 MHz	Global 860-960 MHz	13.56 MHz
IC Type*	Alien Higgs3	Alien Higgs3	Alien Higgs3	Alien Higgs3	Alien Higgs3	NXP ICODE SLIX
Memory Configuration	EPC Size 96-480 Bits, User Memory 512 Bits, Unique TID 64 Bits	EPC Size 96-480 Bits, User Memory 512 Bits, Unique TID 64 Bits	EPC Size 96-480 Bits, User Memory 512 Bits, Unique TID 64 Bits	EPC Size 96-480 Bits, User Memory 512 Bits, Unique TID 64 Bits	EPC Size 96-480 Bits, User Memory 512 Bits, Unique TID 64 Bits	1024 bits, bit; UID 64 bit; User Memory - 896 bits
Operating Temperature	-20°C to +70°C / -4°F to +158°F	-20°C to +70°C / -4°F to +158°F	-20°C to +70°C / -4°F to +158°F	-20°C to +70°C / -4°F to +158°F	-20°C to +70°C / -4°F to +158°F	-20°C to +70°C / -4°F to +158°F
Key Features	General purpose UHF RFID label with excellent bonding on variety of substrates, available in 2 different sizes	Water resistant and easy to deploy label is optimized for thermal barcode printers for non-metallic surfaces	Slim label for plastic containers and crates, optimized to bear industrial & outdoor harsh environment conditions	Special UHF passive label optimized for applying on plastic crates used for storing food items or liquids	Easy to deploy and water resistant medium size label with strong grip on non metallic objects with good read range	Developed especially for applying on paper substrate for library & document management applications

*Other ICs available on request

** Above indicated read range values are measured in our test lab environment, where antennas with optimum directivity are used with maximum allowed operating power. Different surface materials and environments may have an effect on performance.