The background of the entire page is a close-up photograph of several small, cylindrical metal tags. These tags are arranged on a blue, textured surface, possibly a workbench or a tray. The tags are metallic and have two small gold-colored contacts on their top surface. The lighting is dramatic, with strong highlights and deep shadows, creating a sense of depth and precision. The overall color palette is dominated by the blue of the surface and the metallic tones of the tags.

RFID Industrial Tag Micro UHF Metal Tag

Smallest Size Diameter 5mm
Read Distance 100cm

Application:

Instrument tracking, Tool tracking, Medical device management, Source tagging, Surgical instrument management, Small asset tracking, IT and laptop tracking, Embedded bolt identification, Weapons tracking.









Atom Series: PCB UHF Metal Tag

Number	Picutre	IC Type	size (mm)	Hole	Read Range(on Metal):		Read Range(on Metal) :		Weight (g)
					(Fix Reader)		(Handheld Reader)		
					US (902-928MHz)	EU (865-868MHz)	US (902-928MHz)	EU (865-868MHz)	
OPPD5		Alien Higgs-3	Diameter 5mmxT4.0mm	No	100cm	90cm	60cm	55cm	0.5g
OPP060302		Alien Higgs-3	6x3mmxT3.0mm	No	85cm	80cm	50cm	45cm	0.5g
OPP0603		Alien Higgs-3	6x3mmxT4.0mm	No	90cm	80cm	50cm	45cm	0.5g
OPPD6		Alien Higgs-3	Diameter 6mmxT4.0mm	2mmx1	85cm	75cm	45cm	45cm	0.5g
OPP0606		Alien Higgs-3	6x6mmxT4.0mm	No	110cm	110cm	80cm	80cm	0.5g
OPP0803		Alien Higgs-3	8x3mmxT3.0mm	No	110cm	120cm	70cm	85cm	0.5g
OPP1004		Alien Higgs-3	10x4mmxT3.0mm	2mmx1	135cm	135cm	90cm	75cm	0.5g
OPPD10		Alien Higgs-3	Diameter 10mmxT3.0mm	2mmx1	150cm	130cm	100cm	95cm	0.6g
OPP1307		Alien Higgs-3	13x7mmxT3.0mm	2mmx2	250cm	240cm	170cm	140cm	0.7g
OPPD13		Alien Higgs-3	Diameter 13mmxT2.0mm	2mmx2	180cm	150cm	140cm	120cm	0.7g
OPPD16		Alien Higgs-3	Diameter 16mmxT3.0mm	2mmx2	260cm	240cm	160cm	150cm	1.5g
OPP1504		Alien Higgs-3	15x4mmxT2.0mm	2mmx2	210cm	220cm	130cm	150cm	0.7g
OPP1806		Alien Higgs-3	18x6mmxT3.0mm	2mmx1	260cm	250cm	200cm	180cm	1.2g

Dolphin Series: PCB UHF Metal Tag

Number	Picutre	IC Type	Size (mm)	Hole	Read Range(on Metal): (Fix Reader)		Read Range(on Metal) : (Handheld Reader)		weight (g)
					US (902-928MHz)	EU (865-868MHz)	US (902-928MHz)	EU (865-868MHz)	
OPPD20		Alien Higgs-3	Diameter 20mmxT2.0mm	2mmx2	320cm	280cm	240cm	230cm	1.9g
OPP2208		Alien Higgs-3	22x8mmxT3.0mm	2mmx2	450cm	470cm	260cm	300cm	1.5g
OPP2510		Alien Higgs-3	25x10mmxT2.0mm	2mmx2	325cm	300cm	250cm	240cm	1.5g
OPP2626 PPS Tag		Alien Higgs-3	26x26mmxT5.5mm	4mmx2	260cm	250cm	150cm	130cm	6.6g
OPP3005		Alien Higgs-3	30x5mmxT2.0mm	2mmx2	310cm	280cm	210cm	200cm	0.8g
OPP3310		Alien Higgs-3	33x10mmxT3.5mm	2mmx2	420cm	350cm	280cm	250cm	3.0g
OPP3613		Alien Higgs-3	36x13mmxT3.5mm	2mmx2	470cm	450cm	270cm	250cm	4.2g
OPP4010		Alien Higgs-3	40x10mmxT2.0mm	3mmx2	450cm	420cm	300cm	280cm	2.2g
OPP4215		Alien Higgs-4	42x15mmxT2.1mm	4mmx2	680cm	700cm	530cm	550cm	3.5g

Everest Series: PCB UHF Metal Tag

Number	Picture	IC Type	Size (mm)	Hole	Read Range(on Metal): (Fix Reader)		Read Range(on Metal) : (Handheld Reader)		weight (g)
					US (902-928MHz)	EU (865-868MHz)	US (902-928MHz)	EU (865-868MHz)	
OPP5010		Alien Higgs-3	50x10mmxT1.0mm	2mmx2	280cm	250cm	190cm	170cm	1.5g
OPP5213		Impinj Monza 4QT	52x13mmxT3.5mm	3mmx2	800cm	820cm	490cm	510cm	5.5g
OPP8008		Alien Higgs-3	80x8mmxT3.5mm	3mmx2	650cm	590cm	340cm	310cm	5.0g
OPP7020		Alien Higgs-3	70x20mmxT3.6mm	4mmx2	1000cm	1030cm	630cm	660cm	11.0g
OPP9020		Alien Higgs-3	90x20mmxT3.0mm	3mmx2	1080cm	1050cm	650cm	630cm	12.0g
OPP8020		Alien Higgs-3	80x20mmxT3.6mm	4mmx2	950cm	950cm	580cm	580cm	12.0g
OPP9525		Alien Higgs-3 / Impinj M4QT	95x25mmxT3.6mm	3mmx2	950cm	950cm	580cm	580cm	13.0g
OPP7111 (FPC)		Alien Higgs-3	71x11xT0.13mm	No	Global900cm (off Metal)		Global530cm (off Metal)		0.3g
OPP130		Alien Higgs-3	130x42xT10.5mm	Long hole	3000cm	2800cm	2200cm	2200cm	45g

Up to 30 Meters Long Distance

RFID Industrial Tag

UHF Metal Tag



OPP130

Long Distance Metal UHF Tag

RFID Industrial Tag
OPP130



Functional Specifications:

RFID Protocol:	EPC Class1 Gen2, ISO18000-6C
Frequency:	(US) 902-928MHz, (EU) 865-868MHz
IC type:	Alien Higgs-3
Memory:	EPC 96bits (Up to 480bits) , USER512bits, TID64bits
Write Cycles:	100,000 times
Functionality:	Read / Write
Data Retention:	Up to 50 Years
Applicable Surface:	Metal Surfaces
Read Range : (Fix Reader)	30M -(US) 902-928MHz; 28M -(EU) 865-868MHz;
Read Range : (Handheld Reader)	22M -(US) 902-928MHz; 22M -(EU) 865-868MHz;
Warranty:	1 Year

Physical Specifications:

Size:	130x42mm
Thickness:	10.5mm
Material:	PC
Colour:	Black (Red, Blue, Green, White)
Mounting Methods:	Adhesive, Screw
Weight:	45g

Environmental Specifications:

IP Rating:	IP68
Storage Temperature:	-30°C to +100°C
Operation Temperature:	-20°C to +80°C
Certifications:	Reach Approved, RoHS Approved, CE Approved



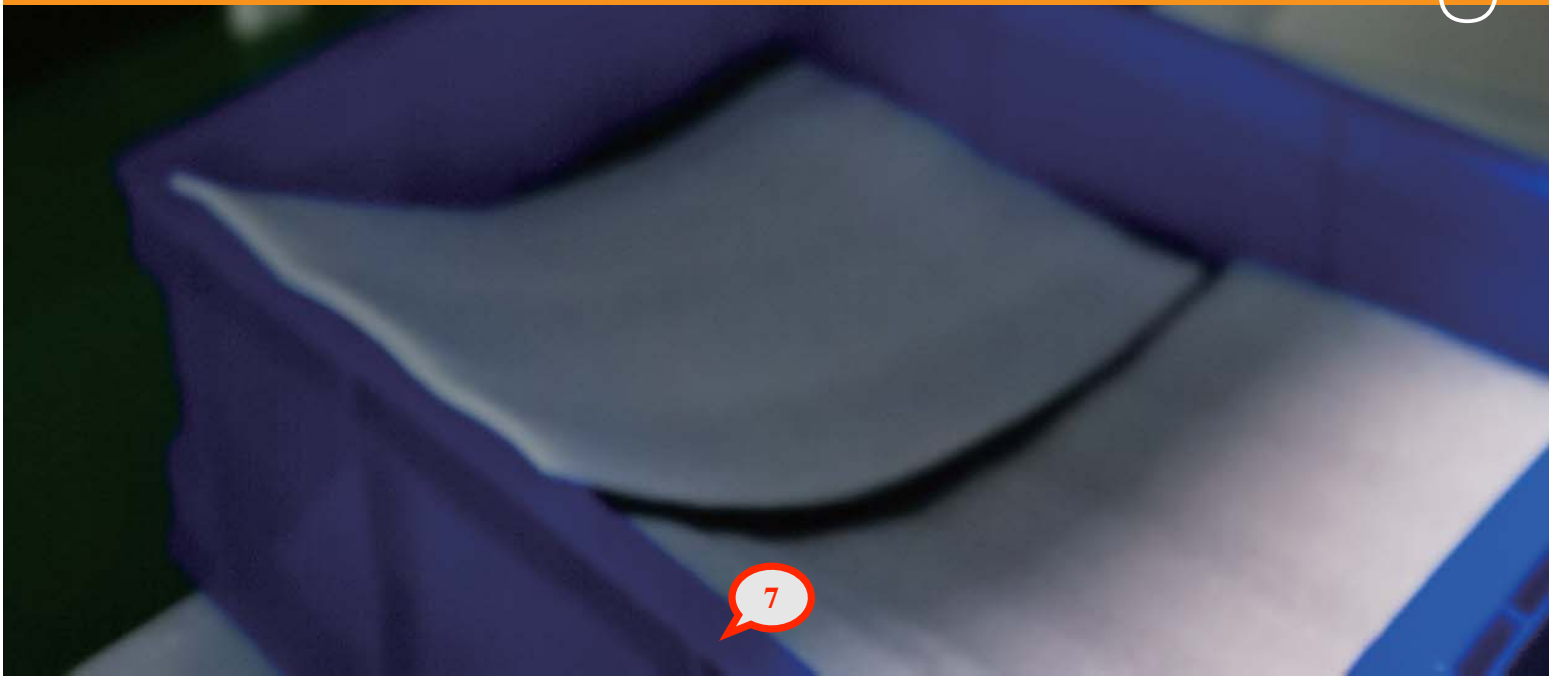


OPP087

Global Frequency

RFID Industrial Tag

UHF Metal Tag



Global Frequency Metal UHF Tag

RFID Industrial Tag
OPP087



Functional Specifications:

RFID Protocol:	EPCglobal and ISO 18000-63 compliant, Gen2v2 compliant
Frequency:	840MHz to 940MHz
IC type:	Impinj Monza R6-P
Memory:	EPC128bits , USER64bits, TID96bits
Write Cycles:	100,000times
Functionality:	Read / Write
Data Retention:	Up to 50 Years
Applicable Surface:	Metal Surfaces
Read Range : (Fix Reader)	9.8M
Read Range : (Handheld Reader)	6.0M
Warranty:	1 Year

Physical Specifications:

Size:	87x24mm
Thickness:	11mm, (Hole:D5mm)
Material:	PC
Colour:	Black (Red, Blue, Green, White)
Mounting Methods:	Adhesive, Screw
Weight:	19g

Environmental Specifications:

IP Rating:	IP67
Storage Temperature:	-30°C to +70°C
Operation Temperature:	-30°C to +70°C
Certifications:	Reach Approved, RoHS Approved, CE Approved

High Temperature

RFID Industrial Tag

UHF Metal Tag

OPP2019

OPP4215

High Temperature Metal UHF Tag

RFID Industrial Tag



Functional Specifications:

OPP4215

OPP2019

RFID Protocol:	EPC Class1 Gen2, ISO18000-6C	
Frequency:	(US) 902-928MHz, (EU) 865-868MHz	
IC type:	Alien Higgs-4	
Memory:	EPC 128bits, USER128bits, TID64bits	
Write Cycles:	100,000 times	
Functionality:	Read / Write	
Data Retention:	Up to 50 Years	
Applicable Surface:	Metal Surfaces	
Read Range : (Fix Reader)	680cm-(US) 902-928MHz, On Metal; 700cm-(EU) 865-868MHz, On Metal;	250cm-(US) 902-928MHz, On Metal; 270cm-(EU) 865-868MHz, On Metal;
Read Range : (Handheld Reader)	530cm-(US) 902-928MHz, On Metal; 550cm-(EU) 865-868MHz, On Metal;	120cm-(US) 902-928MHz, On Metal; 140cm-(EU) 865-868MHz, On Metal;
Warranty:	1 Year	

Physical Specifications:

Size:	42x15mm, (Hole: D4mmx2)	D:20mm, (Hole: D2mmx2)
Thickness:	2.1mm, 2.8mm with IC bump	
Material:	High Temperature Material	
Colour:	Black	
Mounting Methods:	Adhesive, Screw	
Weight:	3.5g	1.0g

Environmental Specifications:

IP :	IP68
Storage Temperature:	-55°C to +200°C (280°C for 50 minutes, 250°C for 150minutes)
Operation Temperature:	-40°C to +150°C (working 10hours in 180°C)
Certifications:	Reach Approved, RoHS Approved, CE Approved

PPS UHF Metal Tag

RFID Industrial Tag

OPP2626

OPP6019

Withstand:

Fuel B, mineral oil, petroleum, salt mist, vegetable oil;

PPS Metal UHF Tag

RFID Industrial Tag



Functional Specifications:

OPP6019

OPP2626

RFID Protocol:	EPC Class1 Gen2, ISO18000-6C	
Frequency:	(US) 902-928MHz, (EU) 865-868MHz	
IC type:	Alien Higgs-4	Alien Higgs-3
Memory:	EPC 128bits, USER128bits, TID64bits	EPC 96bits (Up to 480bits), USER 512bits, TID64bits
Write Cycles:	100,000 times	
Functionality:	Read / Write	
Data Retention:	Up to 50 Years	
Applicable Surface:	Metal Surfaces	
Read Range : (Fix Reader)	630cm -(US) 902-928MHz; On Metal	260cm -(US) 902-928MHz; 250cm -(EU) 865-868MHz, On Metal
	650cm -(EU) 865-868MHz, On Metal	130cm -(US) 902-928MHz; 120cm -(EU) 865-868MHz, Off Metal
Read Range : (Handheld Reader)	450cm -(US) 902-928MHz; On Metal	190cm -(US) 902-928MHz; 150cm -(EU) 865-868MHz, On Metal
	460cm -(EU) 865-868MHz; On Metal	100cm -(US) 902-928MHz; 90cm -(EU) 865-868MHz, Off Metal
Warranty:	1 Year	

Physical Specifications:

Size:	60x19mm, (Hole: D5mmx2)	26x26mm, (Hole: D4mmx2)
Thickness:	4.8mm	5.5mm
Material:	PPS shell	PPS shell, PCB Antenna
Colour:	Black	
Mounting Methods:	Adhesive, Screw, binding	Adhesive, Screw, binding
Weight:	13g	6.6g

Environmental Specifications:

IP Rating:	IP68	
Withstands Exposure To:	Fuel B, mineral oil, petroleum, salt mist, vegetable oil;	
Storage Temperature:	-55°C to +200°C (230°C for 30 minutes, 180°C for 120minutes)	-40°C to +150°C (230°C for 30 minutes, 180°C for 120minutes)
Operation Temperature:	-40°C to +150°C	-40°C to +100°C
Certifications:	Reach Approved, RoHS Approved, CE Approved	

UHF Flexible

RFID Industrial Tag

Anti-Metal Label



UHF Flexible Anti-Metal Label

RFID Industrial Tag



Functional Specifications:

OPPF8020

OPPF5015

RFID Protocol:	EPC global and ISO 18000-63 compliant, Gen2v2 compliant	
Frequency:	(US) 902-928MHz, (EU) 865-868MHz	
IC type:	IMPINJ Monza R6	
Memory:	EPC 96bits , TID96bits	
Write Cycles:	100,000times	
Functionality:	Read / write	
Data Retention:	Up to 50 Years	
Applicable Surface:	Metal Surfaces	
Read Range : (Fix Reader)	650cm -(US) 902-928MHz, On Metal	350cm -(US) 902-928MHz, On Metal
	500cm -(EU) 865-868MHz, On Metal	300cm -(EU) 865-868MHz, On Metal
Read Range : (Handheld Reader)	300cm -(US) 902-928MHz, On Metal	200cm -(US) 902-928MHz, On Metal
	200cm -(EU) 865-868MHz, On Metal	180cm -(EU) 865-868MHz, On Metal
Warranty:	1 Year	

Physical Specifications:

Size:	80x20mm	50x15mm
Thickness:	1.3mm	1.3mm
Material:	PET Antenna	PET Antenna
Colour:		
Mounting Methods:	Adhesive	Adhesive
Weight:	5.0g	2.5g

Environmental Specifications:

IP Rating:	IP54
Storage Temperature:	-20°C to +70°C
Operation Temperature:	-20°C to +50°C
Certifications:	Reach Approved, RoHS Approved, CE Approved

UHF Flexible Tag

RFID Industrial Tag



UHF FlexibleTag

RFID Industrial Tag
OPP9018



Functional Specifications:

RFID Protocol:	EPC Class1 Gen2, ISO18000-6C
Frequency:	Global 840Mhz to 960Mhz
IC type:	Alien Higgs-3
Memory:	EPC 96bits (Up to 480bits) , USER 512bits, TID64bits
Write Cycles:	100,000 times
Functionality:	Read / Write
Data Retention:	Up to 50 Years
Applicable Surface:	Non Metal Surfaces
Read Range : (Fix Reader)	Up to 9.0M, Off Metal
Read Range : (Handheld Reader)	Up to 5.0M, Off Metal
Warranty:	1 Year

Physical Specifications:

Size:	90x18mm, Hole: 10x4mm
Thickness:	4.0mm
Material:	TPU
Colour:	Green, Red, Yellow, Black, White, Blue
Mounting Methods:	Cable tie
Weight:	8g

Environmental Specification:

IP Rating:	IP68
Storage Temperature:	-40°C to +100°C
Operation Temperature:	-40°C to +100°C
Certifications:	Reach Approved, RoHS Approved, CE Approved



High Temperature

RFID Industrial Tag

FPC UHF Inlay

FPC UHF Inlay

RFID Industrial Tag

OPP7111



Functional Specifications:

RFID Protocol:	EPC Class1 Gen2, ISO18000-6C
Frequency:	Global 840Mhz to 960Mhz
IC type:	Alien Higgs-3
Memory:	EPC 96bits (Up to 480bits) , USER 512bits, TID64bits
Write Cycles:	100,000 times
Functionality:	Read / Write
Data Retention:	Up to 50 Years
Applicable Surface:	Non Metal Surfaces
Read Range : (Fix Reader)	Up to 9.0M, Off Metal
Read Range : (Handheld Reader)	Up to 5.0M, Off Metal
Warranty:	1 Year

Physical Specifications:

Antenna Size:	71x11mm
Thickness:	0.13mm
Material:	FPC
Colour:	
Mounting Methods:	Adhesive
Weight:	0.3g

Environmental Specifications:

IP Rating:	IP68
Storage Temperature:	-40°C to +200°C
Operation Temperature:	-40°C to +100°C
Certifications:	Reach Approved, RoHS Approved, CE Approved

Magnetic RFID Tag

RFID Industrial Tag

Long Read Distance



OPP9020M

Magnetic RFID Tag

RFID Industrial Tag
OPP9020M



Functional Specifications:

RFID Protocol:	EPC Class1 Gen2, ISO18000-6C
Frequency:	(US) 902-928MHz, (EU) 865-868MHz
IC type:	Alien Higgs-3
Memory:	EPC 96bits (Up to 480bits) , USER 512bits, TID64bits
Write Cycles:	100,000times
Functionality:	Read / Write
Data Retention:	Up to 50 Years
Applicable Surface:	Metal Surfaces
Read Range : (Fix Reader)	Up to 10.8M - (US) 902-928MHz, on metal Up to 10.5M - (EU) 865-868MHz, on metal
Read Range : (Handheld Reader)	Up to 6.5M - (US) 902-928MHz, on metal Up to 6.3M - (EU) 865-868MHz, on metal
Warranty:	1 Year

Physical Specifications:

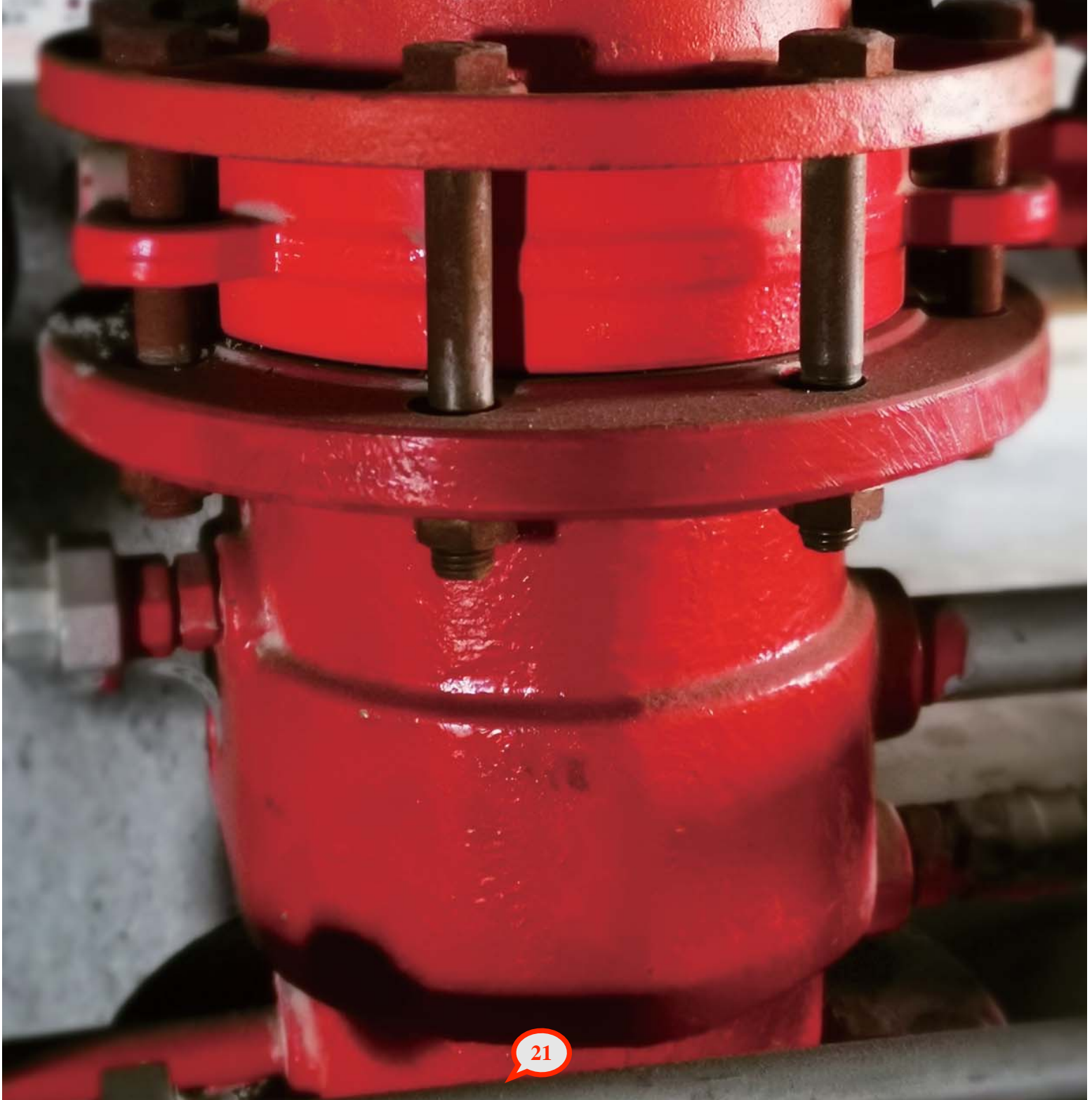
Size:	90x20mm, (Hole: D3mm)
Thickness:	5.0mm
Material:	FR4 (PCB)
Colour:	Black (Red, Blue, Green, White)
Mounting Methods:	Magnet
Magnetic Field	≥580 Gauss
Weight:	26.0g

Environmental Specifications:

IP Rating:	IP68
Storage Temperature:	-30°C to +75°C
Operation Temperature:	-30°C to +75°C
Certifications:	Reach Approved, RoHS Approved, CE Approved

RFID Screw Tag

RFID Industrial Tag



RFID ScrewTag

RFID Industrial Tag
OPPM16



Functional Specifications:

RFID Protocol:	EPC Class1 Gen2, ISO18000-6C
Frequency:	(US) 902-928MHz, (EU) 865-868MHz
IC type:	Alien Higgs-3
Memory:	EPC 96bits (Up to 480bits) , USER 512bits, TID64bits
Write Cycles:	100,000 times
Functionality:	Read / Write
Data Retention:	Up to 50 Years
Applicable Surface:	
Read Range : (Fix Reader)	200cm, (US) 902-928MHz 200cm, (EU) 865-868MHz
Read Range : (Handheld Reader)	120cm, (US) 902-928MHz 120cm, (EU) 865-868MHz
Warranty:	1 Year

Physical Specifications:

Antenna Size:	M16 Screw
Material:	304 Steel
Colour:	Silver gray
Mounting Methods:	
Weight:	50g

Environmental Specifications:

IP Rating:	IP68
Storage Temperature:	-40°C to +150°C
Operation Temperature:	-40°C to +100°C
Certifications:	Reach Approved, RoHS Approved, CE Approved



UHF Nail Tag

RFID Industrial Tag



UHF Nail Tag

RFID Industrial Tag
OPPD721



Functional Specifications:

RFID Protocol:	EPC Class1 Gen2, ISO18000-6C
Frequency:	(US) 902-928MHz, (EU) 865-868MHz
IC type:	Alien Higgs-3
Memory:	EPC 96bits (Up to 480bits) , USER 512bits, TID64bits
Write Cycles:	100,000 times
Functionality:	Read / Write
Data Retention:	Up to 50 Years
Applicable Surface:	Non Metal Surfaces
Read Range : (Fix Reader)	30cm, (US) 902-928MHz 30cm, (EU) 865-868MHz
Read Range : (Handheld Reader)	15cm, (US) 902-928MHz 15cm, (EU) 865-868MHz
Warranty:	1 Year

Physical Specifications:

Antenna Size:	D: 7mm, H: 21mm
Material:	PC
Colour:	Black
Mounting Methods:	Adhesive
Weight:	1g

Environmental Specifications:

IP Rating:	IP68
Storage Temperature:	-30°C to +80°C
Operation Temperature:	-20°C to +80°C
Certifications:	Reach Approved, RoHS Approved, CE Approved