

Returnable Transport Items



Product Name	SlimFlex Tag	InLine Tag Plate	InLine Tag Plate Asset Tag	Keg Tag UHF		Nail Tag	IN Tag 200/300/500 (OM)		
Application	Flexible, robust UHF tags. May be laser engraved with human readable information or barcode	Thin, rigid UHF tag for container tagging with room for inscriptions via Laser engraving or labels		Robust high performance transponder for curved metallic returnable transport items like beer kegs, gas cylinders etc.		Glass-fiber nail tag for easy insertion into wood for use in pallet identification	Ruggedized for severe industrial environments, food compatible		
Frequency	860-960 MHz (Worldwide)	865 MHz (EU) / 915 MHz (US) on-metal, broadband off-metal		13.56 MHz		865-956 MHz (Worldwide)	125 kHz	13.56 MHz	865 MHz (EU) / 915 MHz (US)
Size	83x25x3 mm and other sizes	120x68x3.7 mm	30x65x3.5 mm	52x26.5x21.4 mm	88x37x15 mm	Ø4x35.5 mm	Ø20 or 30x2.5 mm, Ø50x3 mm		Ø50x or 55x3 mm
Screw hole	various dimensions	Ø4.2 mm	Ø12 mm	Curve radius: 126/163 mm	Curve radius: 450 mm	N/A	None (IN Tag 200) or Ø5.2mm		
Standards / Protocol Support	ISO 18000-6C, EPC C1G2, ISO 17364		ISO 14443A - NFC Tag Type 4	ISO 18000-6C, EPC C1G2, ISO 17364, DIN 40050-9		ISO 17364	ISO 17364, ATEX	ISO 15693, ISO 18000-3, ISO 17364, ATEX	EPC C1G2, ISO 18000-6C, ATEX
Chip type	Higgs 3	Monza 4E	HID Trusted Tag	Monza R6	Monza 4QT	Unique	HITAG S, Unique	ICODE SLIX (2)	G2IM
Memory³	64 bit TID, 96 bit EPC, 512 bit RW	496 bit EPC, 96 bit TID, 128 bit RW	8 KB	96 bit EPC, 48 bit TID	128 bit EPC, 96 bit TID, 512 bit RW	64 bit RO	64 bit RO, 256 bit RW, 2048 bit RW	1024 bit RW, 2560 bit RW	640 bit EEPROM (96 bit TID, 256 bit EPC)
Anti-collision	Yes					N/A	HITAG S - Yes	Yes	
Reading distance²	Up to 26.2 ft (8 m)	up to 20 ft (6 m) on-metal, up to 26 ft (8 m) off-metal		up to 29.5 ft (9 m)	up to 26.2 ft (8 m)	N/A			up to 9.8 ft (3 m)
Typical use environment	Plastic, wood	Container tagging		Metal kegs, drums, gas cylinders etc.		Wood	Plastic, wood, glass		Metal, plastic, wood, glass
Mounting method	Glue or screw-on	Glue, nail or screw	Glue, cable tie	Weld		Nail	Embed, glue or screw-on		
Operating Temperature¹	-40°C to +70°C	-40°C to +85°C		-40°C to +85°C		-25 °C to +85 °C	-25°C to +85°C	-40°C to +85°C	-20°C to +85°C
Storage Temperature¹	-40°C to +70°C	-40°C to +85°C		-40°C to +85°C		-25 °C to +85 °C	-40 °C to +90 °C		
Peak Temperature¹	Shock -40 to +70°	Shock -40° to +85°		Shock -40° to +85°		N/A	+140 °C (100h)		
Housing Material	TPE	ABS/PC	PC/PC Makrolon 2407	PA		PPA	PPA		
Chemical and Environmental Resistances¹	Water, IP68 (1m, 24h), salt mist, petroleum, mineral and vegetable oils, UV resistant	Water, IP69K (100 bar at 80°C, 30 sek., 16 l/min), Salt Mist, Petroleum, Oils,	Alcohol, aqueous solution of salts, fuel B, ammonium chloride (25%), hydrochloric acid (10%), salt water	Water, IP68 (6.6 ft (2 m) x 24 h), Salt Mist, Petroleum, Oils, Humidity 70°/80%		Water, IP67 (1m, 1h)	Water, IP69K (100 bar at 80°C, 30 sek., 16 l/min), salt mist, fuel B, petroleum, mineral and vegetable oils, food compatible, flame resistant UL94 HB		
Mechanical Resistances¹	Vibration IEC 68.2.6, Shock IEC 68.2.29, Impact IEC 62262-IK06		Vibration IEC 68.2.6, Shock IEC 68.2.29	Vibration IEC 68.2.6, Shock IEC 68.2.29, Impact IEC 62262-IK07	Vibration IEC 68.2.6, Shock IEC 68.2.29, Impact IEC 62262-IK08	N/A	Vibration IEC 68.2.6, shock IEC 68.2.29		
Axial / Radial Force¹	1000N	500N		1000N		N/A	800N / 500N (10 sec)		
Warranty⁴	2 Years			2 years		2 years	2 years		

Finding what you need

HID Global has many more products to offer than fit on this page. Please refer to hidglobal.com/rfid or contact an HID representative for further assistance in evaluating these tags or selecting a solution that best fits your particular requirements.

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¹ For further specification details, please see datasheets of the respective products.
² Read range is strongly dependent upon multiple parameters including reader, environment and application. HID Global tags are tested and proven to be at the top of their class.

³ Unique (64 bit RO), G5 (264 bit RW), HITAG S (32 bit RO, 256 bit RW, 2048 bit RW), EM4305 (512 bit RW), ICODE SLIX (1024 bit EEPROM, incl. 896 bit user memory), ICODE SLIX2 (2560 bit user memory)
⁴ Warranty: Storage condition must not exceed specification for temperature, chemical, mechanical, electrical condition, storage from -25°C to +50°C, humidity 20% to 80%