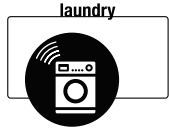


PRODUCT COMPARISON CHART

Commercial Laundry



Product Name	LinTag™	SlimFlex Laundry 2G	Logi Tag 161	Logi Button Tag 162	Logi Tag 120	Logi Tag 160
<b>Application</b>	Flexible UHF tag for linen, garments or other laundry	Flexible small UHF Tag for garments or plastic equipment	Mechanical, chemical and temperature resistant tags for harsh environments such as laundries		Mechanical, chemical and temperature resistant tags for harsh environments such as laundries	
<b>Frequency</b>	865 MHz (EU) / 915 MHz (US)	860-960 MHz (Worldwide)	13.56 MHz		125 kHz	
<b>Size</b>	max. 50x22x1.6 mm	55x12x2.2 mm	Ø16x3 mm	Ø16x2.5 mm	Ø12.4x2 mm	Ø16x3 mm
<b>Standards / Protocol Support</b>	EPC C1G2, ISO 18000-6C		ISO 15693, ISO 18000-3, ATEX		ATEX	
<b>Chip Type<sup>1</sup></b>	G2IL	Higgs 3	I-Code SLiX	I-Code SLiX-L	Hitag S, Q5, Unique	Unique
<b>Memory</b>	128 bit EPC, 64 bit TID	96 bit EPC, 64 bit TID, 512 bit RW	1024 bit RW	512 bit RW	64 Bit RO, 256 bit RW, 264 bit RW, 2048 bit RW	64 bit RO
<b>Anti-collision</b>	Yes		Yes		Hitag S - Yes	N/A
<b>Reading Distance<sup>2</sup></b>	up to 10 ft (3 m)	up to 14.7 ft (4.5 m)	Up to 13.4" (34 cm)		N/A	
<b>Mounting Method</b>	Stitch, heat-seal, embed	Embed, glue	Embed in cloth	Sew-on	Embed in cloth	
<b>Operating Temperature<sup>3</sup></b>	-40°C to +85°C		-40 °C to +85 °C		-25°C to +85°C	-40°C to +85°C
<b>Storage Temperature<sup>3</sup></b>	-40°C to +85°C		-40 °C to +85 °C		-40 °C to +130 °C	-40 °C to +120 °C
<b>Peak Temperature<sup>3</sup></b>	+120 °C (100h), Heat patch +220°C (10s)		+120 °C (100h), Heat patch +220°C (30s)	+120 °C (100h)	+160 °C (35h)	
<b>Spin Dryer / Tunnel Finisher<sup>3</sup></b>	365° F / 185° C (15 min.)		+175 °C (100 x 10 min)		N/A	+175 °C (100 x 10 min)
<b>Thermal Shock<sup>3</sup></b>	+68° to +320° F (+20° to +160° C), 200 x 5 min with 30 sec transition		20°C to +160°C (100 x 5 min)		-20°C to +160°C (100 x 5 min)	
<b>Housing Material</b>	Cotton and polyester	TPE	PPS		PPS with epoxy potting	Epoxy
<b>Chemical and Environmental Resistances<sup>3</sup></b>	Water, oil and all commercial washing detergents, up to 300 washing cycles	Water IP68 (1m, 24h), mineral oil, petroleum, salt mist, vegetable oil, HCL (10%), Bleach (5%); UV light; food compatible	Water, IP68 (1m, 24h), Industrial laundry detergent pH 10-11, Neutralizing agent, Hydrogen peroxide 5%, Perchloroethylen		Water IP68 (1m, 24h), saltwater, gasoline, oil, HCL, bleach, formic acid, caustic soda	
<b>Mechanical Resistances<sup>3</sup></b>	Vibration IEC 68.2.6, Shock IEC 68.2.29, 100 drops 1.8 m		Vibration IEC 68.2.6, Shock IEC 68.2.29, 100 drops 1.8 m		Vibration IEC 68.2.6, shock IEC 68.2.29	
<b>Axial / Radial Force<sup>3</sup></b>	1000N / 1000N (10 sec)		1000N / 1000N (10 sec)	N/A	800N / 500N (10 sec)	1000N / 1000N (10 sec)
<b>Pressure<sup>3</sup></b>	60 bars (extraction press)	70 bars (5 min, isostatic)	70 bars (10 sec., isostatic)		70 bars (3 min, isostatic)	
<b>Warranty<sup>4</sup></b>	3 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](http://hidglobal.com) 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 Unique (64 bit RO), Q5 (264 bit RW), Hitag S (256 bit RW, 2048 bit RW), I-Code SLiX-L (512 bit EEPROM, incl. 256 bit user memory), I-Code SLiX (1024 bit EEPROM, incl. 896 bit user memory), I-Code SLiX-S (2048 bit EEPROM, incl. 1280 bit user memory), Vigo (1024 bit RW)  
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 For further specification details, please see datasheets of the respective products. Unique, and ICode SLiX have a minimum operating temperature of -40°C, previous chip generations had -25°C.

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%