


Textile UHF laundry tag



This LaundryChip transponder family for the textile services market. These ISO 18000-6C compliant, UHF tags allow for high speed, bulk reading in industrial laundry applications at read distances of up to six meters (or 19 feet) without requiring a direct line of sight. These soft, flexible and thin tags can be applied quickly and easily in multiple ways - sewn, heat-sealed or pouched - according to your wash process needs. It was designed specifically to meet the rigors of high volume, high pressure wash workflows to help extend the life of your assets and have been tested in real-world laundries for over 200 cycles to ensure guaranteed tag performance and endurance.

Features

- Outstanding mechanical resistance ensures tag performance and endurance for reduced wear-and-tear
- Tested for over 200 cycles in real laundries!
- Suitable for autoclave
- Best-in-class for confined field applications

	Textile UHF Tag
	
Tag Dimensions (L x H x W)	70 x 15 x 2.5 mm (2.75" x 0.59" x 0.09")
Tag Weight: (approx.)	0.70 g (0.025 oz)
Tag Materials	50% cotton, 50% polyester
Tag Lifetime	First of 200 wash cycles or 3 years from ship date
Tag Memory	128 bit EPC
Read Distance	Up to 6 meters (up to 19 feet)
Operating Power	Passive, operates through antenna's RF field
Operating Frequency	865 – 928 MHz
Operating Temperature	Parching: +204°C (399°F), 12 seconds, 1 cycle Washing: +90°C (194°F), 15 minutes, 200 cycles Drying: +180°C (356°F), 200 cycles Ironer: +200°C (392°F), 10 seconds Autoclave: 3.2 bar, RH 85%, 5 minutes at 134°C (273°F) Mechanical Resistance: up to 60 bar
Storage Temperature	-40°C to +120°C (-40°F to +248°F)
Chemical Resistance	All chemicals common to the washing process
Compliance	ISO/IEC 18000-6C EPC Class 1 Gen 2

Standard Tag Pouch

Material: 100% polyester
 Dimensions: 1" x 3" (27 x 80 mm)
 Up to 4 color embroidery
 Custom sizes available
 Minimum order quantities apply for customization