

FT301 NOVO UHF

LaundryChip

Unsurpassed read distance and sensitivity



The FT 301 is the latest in the NOVO 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. NOVO 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.

Datamars UHF solutions can offer RFID to industrial laundries for a lower capital investment than what is typically expected from RFID, and offer better long term ROI than conventional ID systems. We offer customizable, modular UHF portal solutions at the industry's most reasonable price levels and offer consulting services for tailored systems to ensure you can reap the benefits from the industrial fabrication expertise that you already have in-house.

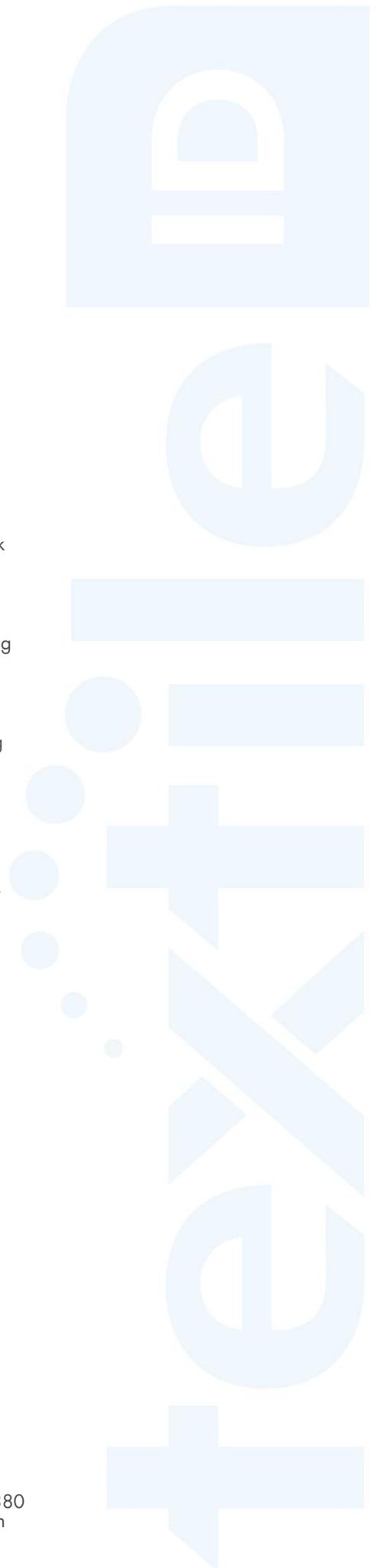
Features

- 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



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	Heat Sealable UHF Tag FT301 – PA	Standard UHF Tag FT301 – ST
		
Tag Dimensions (L x H x W)	75 x 20 x 2.5 mm (2.95" x 0.79" x 0.09")	70 x 15 x 2.5 mm (2.75" x 0.59" x 0.09")
Tag Weight: (approx.)	0.70 g (0.025 oz)	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	

FT301 is also available in "unlocked memory" version (FT301 UL) and with custom EPC range on request.

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

