

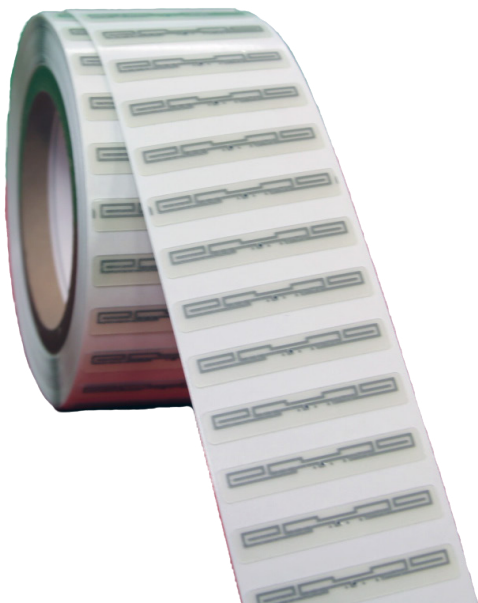
UHF RFID Garment Tag

UHF RFID Tag WT-A533G

Wash, Dry,
Track, Repeat.

UHF RFID Garment Tags for Rental Garments, Uniforms and Work Wear

- ▶ New, smaller form factor at just 0.6mm thick
- ▶ Improved chip protection extends lifetime
- ▶ Exceptional durability for industrial washing and dry cleaning
- ▶ Adhesive layer simplifies installation process
- ▶ Advanced antenna technology provides stable communication
- ▶ Cost effective for easy adoption
- ▶ UHF technology to read hundreds of tags simultaneously
- ▶ Tags on roll sheet facilitates bulk insertion



FUJITSU

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Track, Repeat.

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Fujitsu's Industrial RFID Flexible Linen Tags

Fujitsu latest industrial strength flexible UHF RFID tags have a smaller form factor for insertion into virtually any linen. Laundries will greatly improve linen and garment processing with near 100% accurate reading. Garment and Linen owners will see improved asset tracking and reduced loss, while keeping their costs low by improving workflow and efficiency.

Advantages of UHF Technology

Speed

UHF efficiency increases tag read performance to read hundreds of tags in a single pass.

Rugged

Can withstand high pressure extractors and flatworks irons used in high-throughput laundries

Accuracy

Inventory management can be performed accurately and easily by reading multiple tags with very low error rates.

ROI

Installation of UHF technology will provide cost-effective garment management by reducing labor cost associated with barcode or high frequency RFID tags.



Specifications			
Model	Fujitsu RFID Tag WT-A533G		
Standard	RFID Standard	ISO/IEC 18000-63 (EPC Gen2)	
Regulations	RoHS	Conforms to RoHS regulations	
	China RoHS	Conforms to Administrative Measure on the Control of Pollution Caused by Electronic Information Products	
MRI Safety Information	MR Conditional (Static magnetic field of 1.5-T and 3-T)		
Size & Weight	55 (W) x 9 (D) x 0.6 (H) mm, 0.4g		
Tag Type	Passive		
EPC Number Area	96bit/ unlock		
User Memory	None		
Reading Range	902-928 MHz	4W eirp: 190 cm (Typical) Air; 230 cm (Typical) with heat seal 2W erp: 170 cm (Typical); 200 cm (Typical) with heat seal	
	865.6-867.7 MHz	2W eirp: 100 cm (Typical) Air; 130 cm (Typical) with heat seal	
Tagging	Heat sealing, seam insertion, pouch		
Estimated Lifetime	100 washing cycles/dry cleaning or 3 years from shipping date, whichever comes first ^{*1}		
Environmental Resistance	Washing Method	Laundry, Dry cleaning (petroleum and chlorinated solvents) Not applicable : Water Extraction Pressure, Autoclave Heat Sterilization ^{*2}	
	Water Extraction Pressure	Up to 60 bar	
	Chemical Resistance	Standard Detergent, Softener, Bleach (Oxygen/ Chlorine), Alkali	
	Heat Resistance	Drying	85 °C (Up to 60 min.) or 140 °C (Up to 20 min.)
		Ironing	200 °C (Up to 10 sec. with press cloth)
Temperature/ Humidity	Operating	-20 to 50 °C, 10 to 95% RH	
	Storage	-40 to 55 °C, 8 to 95% RH	

All data are results performed in our test condition according to Japan Industrial Standard JIS L 0217 - 102, 301, 401, 402. Your test result may vary.

*1: Verified with independent testing - nominal industrial laundry conditions

*2: Conditions for dry cleaning: Up to 10 minutes/cycle for washing, and 30 minutes/cycle within 60 °C for drying



Fujitsu Frontech North America, Inc.
<http://www.fujitsufrontechna.com>
27121 Towne Centre Drive #100, Foothill Ranch, CA. 92610

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