

New type Silicone Spring **Laundry UHF Tag**

In order to improve clothing tracking and personal garment identification, ANG Tech develops a soft shape, flexible and slim **UHF laundry tag**.

This tag is designed based on spring and silicone base material, small size, great reading rate and perfect reading distance reaching 6 meters. Also it is with water-proof, flexible and high washing cycle ability. Up to 225 wash or dry cleaning cycles for use in any RFID hotel, spa, retirement home, sports club laundry and linen management application.

Details of the Silicone Spring **Laundry UHF Tag** is as below:

Model		ANG-LT002	Silicone Spring Laundry UHF Tag
RFID Standard		ISO/IEC 18000-6 TypeC (EPC Gen2)	
Size & Weight		88(W)x4.0(D)x4.0(H)mm, 1.85 g	
Chip Type		Alien Higgs-3	
EPC Memory		96 bits to 480 bits	
User Memory		512 bits	
Reading Range	902-928 MHz		3.0-6.0m
	865-868 MHz		3.0-6.0m
Tagging		Sewing, Insert.	
Estimated Lifetime		225 washing cycles or 3 years, whichever comes first	
Environmental Resistance	Washing Method		Laundry, Dry cleaning
	Water Extraction pressure		60 bar
	Water Resistance		Water resistant
	Chemical Resistance		Detergent, Softener, Bleach (Oxygen/ Chlorine), Alkali
	Heat Sterilization		125 °C for 15-20 minutes - 150 cycles
	Heat Resistance	Drying	85°C (Up to 60min.) 120°C (Up to 30 min.)
Ironing		230°C (Up to 60 sec. with press cloth)	
Humidity/ Temperature	Operating		-20 to 50°C, 10 to 95%RH
	Storage		-40 to 55°C, 8 to 95%RH



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Application:

Silicone Spring **Laundry UHF Tag** is sewn inside crimping of clothing. It can be read by RFID reader when clothing is close to the reader in order to trace and recognize clothing. This can improve clothing arrangement in Industrial laundromat, chain hotel, etc.

Typical Case:

Datamars successfully use Silicone Spring **Laundry UHF Tag** in Industrial laundry area to endure a harsh laundry environment.

If you are interested, please welcome to visit <http://www.ang-top.com/en/pr.jsp> and contact hevian@ang-top.com

RFID laundry tag, UHF laundry tag, Laundry tag washable, spring laundry tag