

# UHF LAUNDRY RFID TAGs

## GENERAL

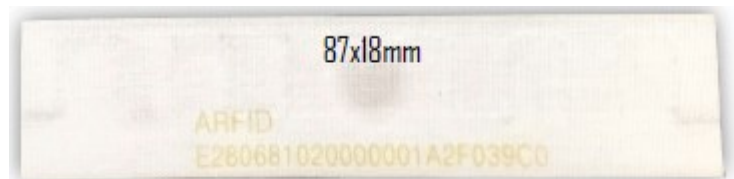
<b>FREQUENCY</b>	UHF 860-960MHz
<b>DIMENSION (+/-5%)</b>	20mm x 87mm; 18mm x 87mm; (20mm x 60mm)
<b>THICKNESS (+/-5%)</b>	0.9mm (on chip location only) ; 0.6mm (rest of tag)
<b>Reading Range</b>	6 m (arfid's Handheld Reader in bath towel test), 8 m (Moto RFID PDA)
<b>Storage Conditions</b>	25°C, 50%RH

## Physical

<b>MAXIMUM TEMPERATURE EXPOSURE</b>	200°C	15 seconds	2.5 bars
<b>TUNNEL WASHER</b>	90°C	15 minutes	
<b>PRE-DRYING IN TUMBLER</b>	160°C	30 minutes	
<b>TUNNEL FINISHER</b>	185°C	30 minutes	
<b>STERILIZATION PROCESS</b>	134°C	20 minutes	
<b>WATER EXTRACTOR PRESS</b>	60 bars		
<b>WARANTY</b>	200 cycles	or 3 years	

## CHIP SPECIFICATIONS

ePC Gen2, ISO 18000-6C, UCODE 7/7m NXP  
 Up to 128-bit of EPC memory  
 96-bit EPC  
 96-bit Tag Identifier (TID) factory locked  
 48-bit unique serial number factory-encoded into TID  
 32-bit User Memory (UCODE 7m Only),  
 32-bit kill password to permanently disable the tag ;  
 32-bit access password ;  
 Product Status Flag bit: enables the UHF RFID tag to be used as EAS  
 Wide operating temperature range:  
 40°C up to +85°C



SACK

IRONING

SEWING (20x87mm)

### @RFID Deutschland

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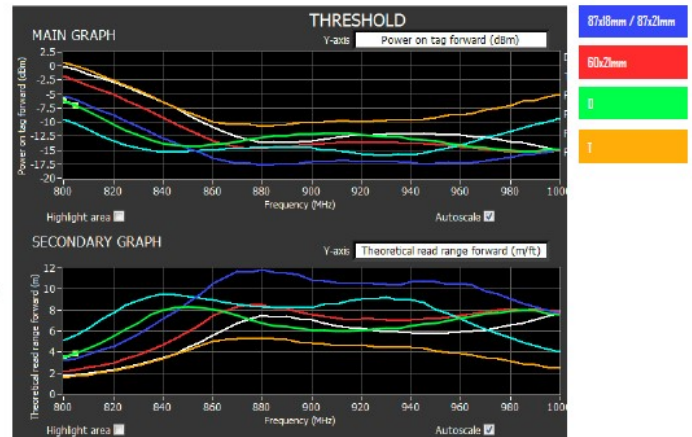
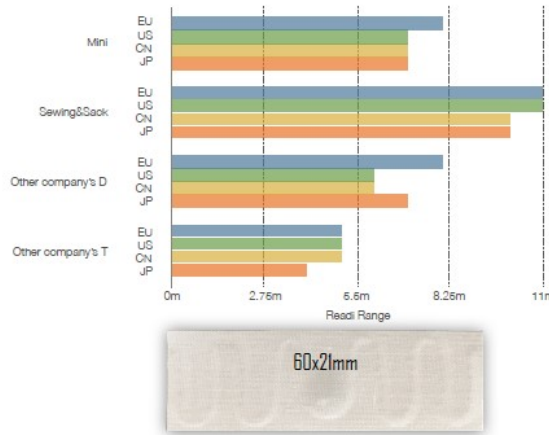
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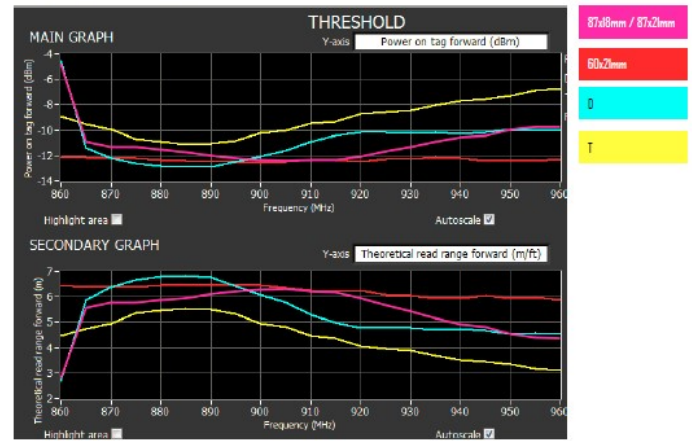
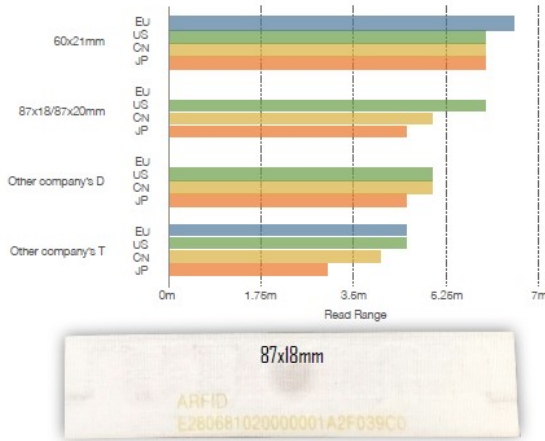
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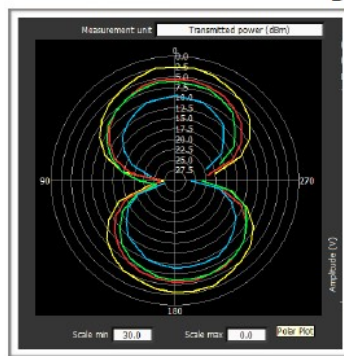
## Unattended single - label read range



## Wet towel group read range



## Dry towel single label read direction



- 866MHz
- 87x18mm / 87x21mm
- 60x21mm
- T
- T



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