# Transponder Laundry TAG

### PART ID: 1049

Latest generation of RAIN UHF thermal laundry patches with optimized reading distances and offering high level of flexibility and durability for laundry applications

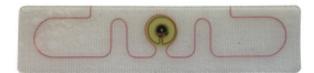
#### **Main Specifications**

| Frequencies              | LF HF <b>UHF</b>                              |
|--------------------------|---|
| Material                 | Polyester                                     |
| Operating<br>Temperature | -35°C to 95°C                                 |
| IP Class                 | IP68  |
| Compliance               | RoHs & Reach, CE                              |
| Key Features             | High Durability, Ultra Thin, Heat<br>Tolerant |

Due to unresolved patent issues

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currently not available !



## **Full Specifications**

| Product ID              | 1049   |
|-------------------------|--|
| Material                | Polyester  |
| Shape                   | Laminated  |
| Long Description        | Latest generation of RAIN UHF thermal laundry patches with optimized reading distances and offering<br>high level of flexibility and durability for laundry applications |
| Key Features            | High Durability, Ultra Thin, Heat Tolerant   |
| Comments                | Reading Distance up to 6m on linen @ 868MHz (depends on Reader and Environment)  |
| Main Use                | Garments, Hotel Linens   |
| Article Type            | Laundry TAG  |
| Color                   | White  |
| Length [mm]             | 70   |
| Width [mm]              | 17   |
| Thickness [mm]          | 1  |
| Weight [g]              | 1.15   |
| Operating Temp °C (min) | -35  |
| Operating Temp °C (max) | 95   |
| Storage Temp °C (min)   | -35  |
| Storage Temp °C (max)   | 95   |
| IP Class                | IP68   |
| Chemical Resistance     | Not Specified  |

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Where application information is given, it is only advisory and does not form part of the specification.

| Flame Resistance      | Not Specified    |
|-----------------------|------------------|
| Mechanical Resistance | Not Specified    |
| Attachment Method     | Sew-in           |
| Compliance            | RoHs & Reach, CE |

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## **VARIANTS AND ICS**

| ID             | Variant             | Band | Туре   | ISO  |
|----------------|---------------------|------|--------|--|
| 1049-01-325-00 | 70x17x1mm Heat Seal | UHF  | EM4124 | ISO/IEC 18000-6C, EPC Class 1<br>Gen2, RAIN RFID |

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