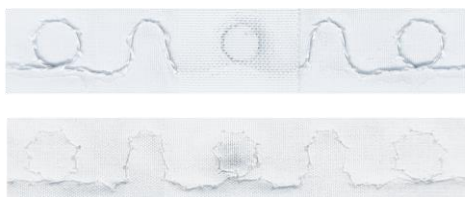


PRODUCT DATASHEET

DAC 600 UHF RFID Laundry Tag



An original KTS RFID tag with improved read range and high reading accuracy. Suitable for RFID Laundry and Security Applications.

Key Features

- High reading performances due to the new generation of RFID microchips.
- Increased read range.
- The best read range out of the DAC tag family so far.
- Ultra-high accuracy in Bulk Reading.
- Enhanced Adhesive Area – improved gluing on textile items.
- Indestructible at bending.

Electrical Specification

- **RFID Protocol**
UHF EPC Global Class 1 Gen2 (V1.2.0) and ISO 18000-6C
- **Tag type**
Passive Read/Write
- **IC**
NXP UCODE 9
- **Frequency range**
860 - 960 MHz
- **Memory**
EPC: 96 bits
- **Read range**
Up to 12 m
- **Substrate**
Textile fabric 50/50 Polycotton

Mechanical Specification

- **Dimensions & Weight**
67 x 13 x 1.5 mm; 0.40 g

Endurance in the Laundry Environment

- **Operating temperature in Laundry processes**
Washing: 90 °C (20 min)
Drying: 185 °C (50 min)
Ironing: 260 °C (20 sec)
- **Water extraction pressure**
Up to 60 bar
- **Autoclave**
135°C (15 min), 2.3 bar
- **Chemical resistance**
Normal, common chemicals in washing process.
- **Guaranteed lifetime**
First 200 wash cycles or 2 years from ship date.

Attaching Methods

- **Sewn in the hem of the textile item**
Possible to be sewn in standard hem



- **Heat-sealing**
204 °C, 12 sec,
0.5 kg/cm²



- **Sewn in pouch**
Pouch dimensions:
80 x 25 mm



Packing

- In packages with 200 pcs each.

Certification

- **OEKO-TEX 100/class II, Hohenstein Institute, Germany**



Production:

- Romania