LF LAUNDRYCHIP™

The 1st RFID tag specifically designed for industrial laundries

T-BT7700

Product info

- Smooth shape, non-damaging when fitted into sensitive textile

- Extremely miniaturized

- Suitable for uniforms, mats, mops and textiles

- All-round transponder especially developed to sustain laundry processes incl. sterilisation

- Works on the principle of Single Read Low-Frequency radio waves that can pass through non-conductive material

- Ideal for hostile environment, provides high reading range even in metal proximity

- Very high reading speed (20 msec)

- Unbeatable price/performance ratio

Product Description

The DATAMARS LaundryChip™ T-BT7700 contains an individual, pre-programmed code which cannot be falsified. The communication from the reader to the transponder occurs through nonharmful low power and low frequency radio waves. Consequently, the passive transponder (no battery) transmits the code which identifies the item, without possibility of error, through any non-conductive material. DATAMARS LaundryChips™ carry manufacturing information on their shell and additional information can be laser-printed on request.

textile ID™
DATAMARS

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LF LAUNDRYCHIP™

T-BT7700

Technical data

Dimensions	Ø 15.5 mm
Weight	0.82 g
Temperature	Storage: -40°C – +120°C -40°F – +248°F Operating: see product qualification
Chemicals	All common chemicals in the laundry and dry cleaning process
Reading distance	Up to 250 mm with A-ST7530
Reading speed	20 msec/reading with R-IN7500
Power supply	Passive, through antenna RF field
Material	PPS / epoxy resin
Memory size	64 bit total (40 bit data)

Ordering information

T-BT7700	950 0200-025
T-BT7700 S for sterilization	950 0200-035
T-BT7700 X with laser marking	950 0200-028