

UHF Smart Label Paper Faced

identitytag®

Item-No. see matrix below



UHF Smart Paper Label for item tagging in logistics, industrial or textile applications. Useable for any kind of non-conductive, non-metallic surfaces. Newest IC-technology. Thermo-Transfer-Printable (Recommended printers on request)

RFID SPECIFICATION

Operational Frequency

860 - 960 MHz

Inlay Type

passive UHF RFID-Transponder Air Interface

Protocol

ISO/IEC 18000-6C

EPC global Class 1 Gen 2

Applicability

for all non-metallic surfaces/materials

Write Cycles

100.000 at +25°C

LABEL SPECIFICATION

Dimensions

See matrix below.

Cover Material

supercalendered woodfree Paper white 80g/m², with a thermotransfer-printable surface.

Adhesive

permanent acrylic-adhesive with a very good tacking and a long-lasting adhesion on different surfaces

Delivery Form

on reel (outer winding)

Reel Core Inner Diameter

76,2 mm (3")

Reel Outer Diameter

< 203 mm

ENVIRONMENTAL CONDITIONS

Operating Temperature

-20°C up to +85°C

(at 20-80% RH, non-condensing)

Min. Tack Temperature

+5°C

Shelf Life (for adhesive)

1 year at +20°C at 50% RH

Recommended Storage

+20°C at 50% RH

Min. Bending Diameter

> 76,2 mm

Max. Surface Pressure

5 N / mm²

QUALITY

Transponders 100% checked; defects marked.
(defects removal/replacement on request)

ADDITIONAL SERVICES

Customized Printing possible

individual text, barcodes or QR-codes, item numbers etc.

Customized Encoding possible

individual encoding, due to customers specification
incl. encoding of user memory (if applicable)

ORDER INFORMATION

Article-No.	Dimensions	IC	Memory	Theoretical max. Read Range
101688	73 x 13 mm	Ucode 9	96 bit EPC	9,0 m
101690	33 x 54 mm	Ucode 9	96 bit EPC	7,5 m
101689	97 x 27 mm	Ucode 9	96 bit EPC	13,0 m
101705	73 x 13 mm	Ucode 9XM	128 - 496 bit EPC, 752 - 384 bit User	9,0 m
101706	97 x 27 mm	Ucode 9XM	128 - 496 bit EPC, 752 - 384 bit User	9,5 m
101816	100 x 50 mm	Impinj M750	96 bit EPC, 32 bit User	8,5 m
102439	100 x 50 mm	Ucode 9XM	128 - 496 bit EPC, 752 - 384 bit User	9,5 m
101817	100 x 150 mm	Ucode 9	96 bit EPC	13,0 m
101818	100 x 150 mm	UCode 9XM	128 - 496 bit EPC, 752 - 384 bit User	9,5 m

Customized printing and/or encoding on request.

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