

TEXTRACE® WOVEN RFID BRAND LABEL

DATASHEET

Ucode G2iL

Applications

Source tagging, Production steering, Item-level tracking, SCM, Brand protection/ authentication, Inventory taking, Customer interaction, EAS, Return handling, After-sales management

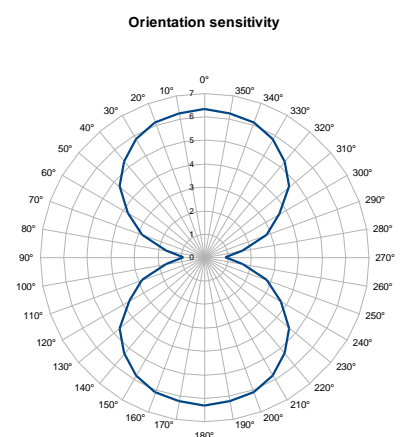
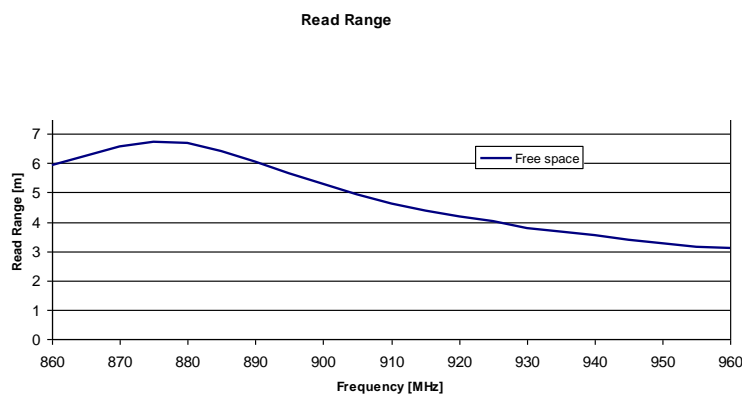
Design

Label dimensions [H x L]: min. 20 x 50 mm
Brand design: custom-made, including cut & fold
Print: optional (on backside)

General Specification

Operating frequency: global UHF (FCC 902 - 928 MHz / ETSI 865 - 868 MHz)
Chip: NXP Ucode G2iL
RF protocol: ISO/IEC 18000-6C (UHF standard), EPCglobal™ Class1 Gen2
Memory: 128 bit EPC, Serialized TID
Antenna size [H x L]: 15 x 46 mm

Tag Read Performance



Durability

| | |
|----------------------------|--|
| Stone washing: | yes |
| Enzyme washing: | yes |
| Form and tunnel finishing: | yes, 155°C/ 311°F |
| Label finishing: | yes |
| Domestic washing: | ISO 6330:2000, min. 10x at 60°C/ 140°F |
| Dry cleaning: | yes, PERC and Eco |

Privacy features

Privacy mode (real read range reduction), Read Protection, Kill command

Quality & Sustainability

| | |
|-----------------|--|
| Quality: | 100% quality tested (Performance profile 800 -1100 MHz) |
| Sustainability: | designed to meet Oeko-Tex® Standard 100 designed to meet EU Directive 2002/95/EC (RoHS) |

Certifications & Approvals



European EPC Competence Center (EECC)

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