



Label /die dimensions

FEATURES

Dimensions

| | |
|------------------------------|-----------------------------------|
| Converted full label size | 64 x 59 +/- 0.2 [mm] |
| Main label size | 64 x 36 +/- 0.2 [mm] |
| Side label size | 64 x 23 +/- 0.2 [mm] |
| Inlay size | 62 x 32 +/- 0.2 [mm] |
| Liner width | 70 +/- 0.5 [mm] |
| Pitch | 63 +/- 0.5 [mm] |
| Label distance from web edge | 3 +/- 0.5 [mm] |
| Photo detector black mark | 15 x 3 [mm] (cross oriented) |
| Overall thickness of label | 450 [µm] (650µm at chip location) |

RFID operation

| | |
|----------------------|---------------------------|
| Carrier frequency | 125 kHz |
| Technology | Passive RFID |
| Reader compatibility | SPACECODE PLEXUS™ readers |
| Chip type | SPACECODE R8 |
| Chip memory | Read Only 128 bits |
| Data durability | 10 years |

PLEXUS™ PRODUCT LINE

Environmental

| | |
|-----------------------|--------------------------|
| Operating temperature | 0 to +60°C (32 to 140°F) |
| Heat resistance | 70°C (158°F) 168 h |
| Cold resistance | -20°C (-40°F), 168 h |
| ESD | +/- 2kV |

Material

| | |
|---------------|---------------------------|
| Antenna | Coil wound copper |
| Inlay padding | PVC |
| Overlay | Printable white polyester |

Delivery form

| | |
|------------------|---|
| Liner appearance | Single row fan folded |
| Final inspection | 100% inspection, faulty marked "DEFECT" Defects are left on liner but not included in billing. |
| Packaging | packed in cardboard box |
| Amount | 500 labels per box (~32 m) |
| Box labeling | Box number, order number, label amount |

Label /on liner dimensions

