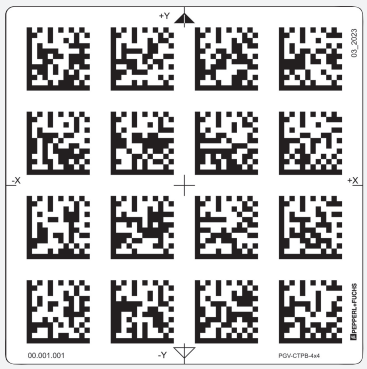


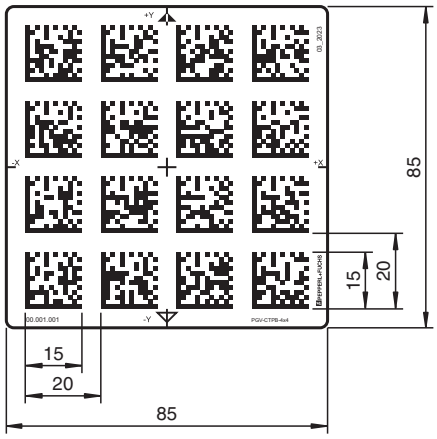
# Polyester Data Matrix tag

## PGV-CTPB-4x4

- High chemical resistance
- Low weight
- Self-adhesive mounting
- High temperature resistance
- Resistant against UV light

Self-adhesive polyester Data Matrix tag, backprinted, for the PGV system

## Dimensions




## Technical Data

| | | |
|---|---|---|
| **General specifications** | | |
| Number interval | | 1 ... 99999999 = Tag number (see Order Information) |
| Light type | | red<br>blue/white<br>infrared |
| **Ambient conditions** | | |
| Operating temperature | | -40 ... 95 °C (-40 ... 203 °F) |
| Installation temperature | | 10 ... 40 °C (50 ... 104 °F) |
| Environmental resistance | | UV radiation<br>Humidity |
| Chemical resistance | | Oils<br>Grease<br>Fuels<br>Aliphatic solvents<br>Weak acids |
| **Mechanical specifications** | | |
| Material thickness | | 0.2 mm |
| Material | | polyester |
| Mass | | 3.2 g |
| Storage | | Maximum 2 years under normal storage conditions. |

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## Technical Data

| | |
|---|---|
| Adhesive | Acrylate-based adhesive ; curing 72 h |
| Adhesive strength | Average values (FTM2)<br>Metal (stainless steel, aluminum) : 33 N / 25 mm<br>ABS : 32 N / 25 mm<br>PP : 31 N / 25 mm |
| Note | To achieve a good adhesive bond, the material surfaces being glued must be completely dry and clean. Grease-free solvents such as n-Heptane and isopropyl alcohol are recommended for cleaning. Bonding should be carried out using the highest possible pressure and at a temperature of at least +10 °C. The higher the pressure and temperature, the better the adhesive will penetrate the pores of the base material, resulting in higher adhesive strength. |
| **General information** | |
| Ordering information | see additional information On the next page |

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## Additional Information

**Example of order information for consecutive tag numbers**

Tag numbers from 1 to 5 are required. The order is placed using the tag start number for the number range and the tag end number for the number range. This determines the number of consecutive tag numbers required.

Tag start number: 1

Tag end number: 5

Order information: start: 1; end: 5

Number of tag numbers: 5

—〉 Tag numbers 1, 2, 3, 4, and 5 are supplied

**Example of order information for individual tag numbers**

The individual tag numbers 11, 21, 31, and 41 are required. The order is placed using the tag start number and the tag end number. This determines the number of consecutive tag numbers required.

Tag start number: 11; tag end number: 11

Tag start number: 21; tag end number: 21

Tag start number: 31; tag end number: 31

Tag start number: 41; tag end number: 41

Number of tag numbers: 4

—〉 Tag numbers 11, 21, 31, and 41 are supplied

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