

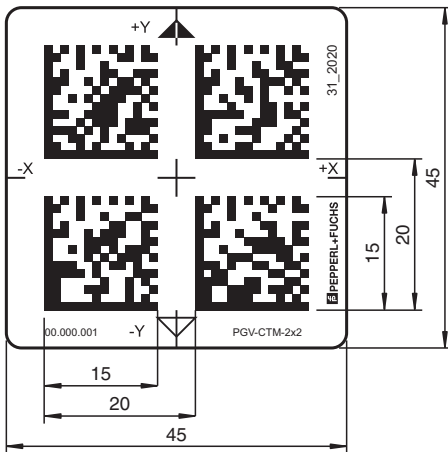
Metal Data Matrix tag

PGV-CTM-2x2

- High chemical resistance
- Low weight
- Self-adhesive mounting
- High temperature resistance
- Robust and insensitive to ambient interference

Metal Data Matrix tag for PGV system

Dimensions



Technical Data

General specifications

Number interval 1 ... 99999999 = Tag number (see Order Information)

Light type red
blue/white
Not suitable for infrared light color!

Ambient conditions

Operating temperature -40 ... 80 °C (-40 ... 176 °F)

Installation temperature 10 ... 40 °C (50 ... 104 °F)

Environmental resistance UV radiation
Humidity

Chemical resistance Oils
Grease
Fuels
Aliphatic solvents
Weak acids

Mechanical specifications

Material thickness 0.5 mm

Material Aluminum

Mass 3 g

Storage Maximum 2 years under normal storage conditions.

Technical Data

Adhesive	Acrylate-based adhesive ; curing 72 h
Adhesive strength	Average values (FTM2) Metal (stainless steel, aluminum) : 33 N / 25 mm ABS : 32 N / 25 mm 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

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