



Code tape

PGV*-CA25-*

- High chemical resistance
- Low weight
- Self-adhesive mounting
- High temperature resistance
- High mechanical stability

Data Matrix code tape

Dimensions



Technical Data

General specifications

Start position	0 ... 9999 m (see Order Information)
Length	1 ... 10000 m (see Order Information)
Width	25 mm (1 row version)
External diameter	max. 180 mm (with max. code tape length of 100 m)
Inside diameter	76 mm (role core)

Ambient conditions

Operating temperature	-40 ... 100 °C (-40 ... 212 °F)
Installation temperature	10 ... 40 °C (50 ... 104 °F)
Environmental resistance	UV radiation Humidity Salt spray (150 h / 5%)
Chemical resistance	Oils Grease Fuels Aliphatic solvents Weak acids

Mechanical specifications

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Technical Data

Material thickness	150 µm
Material	polyester laminate
Surface	polyester , matte
Mass	6.3 g / m
Tensile strength	≥ 150 N
Manufacturing tolerance	± 1 mm/m
Storage	Maximum 2 years under normal storage conditions.
Adhesive	Acrylate-based adhesive ; curing 72 h
Adhesive strength	Average values (FTM2) Aluminum : 24 N / 25 mm High grade stainless steel : 25 N / 25 mm ABS : 22 N / 25 mm PP : 18 N / 25 mm HD-PE : 12 N / 25 mm LD-PE : 12 N / 25 mm
Note	Max. code tape length of 100 m per roll

Type Code

Structure of the type code (Ordering information)

P	G	V	(1)	(1)	(1)	(1)	(1)	(1)	M	-	C	A	2	5	-	(3)	(3)	(3)	(3)	(3)	(3)
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PGV	Sensor Type
PGV	Position Guided Vision

(1) (1) (1) (1) (1) (1)	Length of the code tape
1 ... 010000	Total length of the code tape in m

M	Length unit
M	Meter

CA	Code type
C	Data Matrix ECC200, Symbol size 10x10
A	Absolute tape

25	Width of the code tape
25	25 mm

(3) (3) (3) (3) (3) (3)	Start position
0 ... 009999	Starting position of the code tape in m