



Code tape

PCV000027M-CA20-000000

- 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 m
Length	27 m
Width	25 mm (2 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

Material thickness	150 µm
--------------------	--------

Release date: 2023-07-12 Date of issue: 2023-07-12 Filename: 299649-100451_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

 PEPPERL+FUCHS

Technical Data

Material	polyester laminate
Surface	polyester , matte
Mass	6.3 g / m
Tensile strength	≥ 150 N
Manufacturing tolerance	± 1 mm/m
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	C	V	(1)	(1)	(1)	(1)	(1)	(1)	M	-	C	A	(2)	(2)	-	(3)	(3)	(3)	(3)	(3)	(3)
----------	----------	----------	-----	-----	-----	-----	-----	-----	----------	---	----------	----------	-----	-----	---	-----	-----	-----	-----	-----	-----

PCV	Sensor Type
PCV	Data Matrix positioning system (PCV)

(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 12x12
A	Absolute tape

(2) (2)	Width of the code tape
20	25 mm (2 row version)
10	15 mm (1 row version)

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