



Code tape

PXV000021M-CA25-000500

- 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	500 m
Length	21 m
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

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

Release date: 2025-06-13 Date of issue: 2025-06-13 Filename: 299652-101025_eng.pdf

Technical Data

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	X	V	(1)	(1)	(1)	(1)	(1)	(1)	M	-	C	A	2	5	-	(2)	(2)	(2)	(2)	(2)	(2)
---	---	---	-----	-----	-----	-----	-----	-----	---	---	---	---	---	---	---	-----	-----	-----	-----	-----	-----

PXV	Sensor Type
PXV	Data Matrix positioning system (PXV)

(1) (1) (1) (1) (1) (1)	Length of the code tape
1 ... 100000	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

25	Width of the code tape
25	25 mm

(2) (2) (2) (2) (2) (2)	Start position
0 ... 099999	Starting position of the code tape in m