Protective laminate

PGV25M-CD160-CLEAR

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

Protective laminate for PGV code tape

Technical Data

General specifications	
Length	25 m
Width	160 mm
Inside diameter	150 mm (role core)
Ambient conditions	
Operating temperature	-40 ... 130 °C (-40 ... 266 °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	250 µm
Surface	Polycarbonate , matte
Mass	2.9 kg
Tensile strength	≥ 10000 N
Adhesive	Acrylate-based adhesive ; curing 72 h
Adhesive strength	Average values (FTM1) Steel : 20 N / 25 mm PP : 18 N / 25 mm

Mounting

Cleaning the surface

1. Use clean (lint-free and plasticizer-free) cleaning cloths to clean the surfaces.
2. Depending on how dirty the surface is, use suitable cleaning agents such as n-heptane, ethanol or isopropanol-water mixtures in a ratio of 50:50.
3. Repeat the cleaning process until the surface is absolutely dry, free of dust, oil, oxides, separating agents and other contaminants.
4. To avoid re-contamination (dust, fingerprints), stick the cleaned surface as soon as possible.

Applying the self-adhesive protective film

1. Maintain a processing temperature of at least + 10°C.
2. When unwinding the protective film, use a deflection roller to avoid imperfections during lamination. The adhesive should be peeled off at as small an angle as possible.
3. Press or roll on the protective film well with approx. 20 N/cm^2.
4. To prevent dirt and moisture from penetrating, seal splices and cut edges with sections of adhesive tape.

Release date: 2022-07-18 Date of issue: 2022-07-22 Filename: 296110_eng.pdf

Matching System Components

	**PGV100-F200A-B25-V1D-8438**	Read head for incident light positioning system
	**PGV100-F200-B17-V1D--7477**	Read head for incident light positioning system
	**PGV100-F200-R4-V19**	Read head for incident light positioning system
	**PGV100I-F200-B16-V15**	Read head for incident light positioning system
	**PGV100I-F200-R4-V19**	Read head for incident light positioning system
	**PGV100SI-F200A-R4-V19**	Read head for incident light positioning system
	**PGV100SI-F200A-R4-V19-7941**	Read head for incident light positioning system
	**PGV150I-F200A-B17-V1D**	Read head for incident light positioning system
	**PGV150I-F200A-B25-V1D**	Read head for incident light positioning system
	**PGV150I-F200A-R4-V19**	Read head for incident light positioning system
	**PGV150I-F200-B16-V15**	Read head for incident light positioning system
	**PGV100AQ-F200A-B28-V1D**	Read head for incident light positioning system
	**PGV100AQ-F200-B28-V1D**	Read head for incident light positioning system
	**PGV100-F200A-B16-V15-8438**	Read head for incident light positioning system
	**PGV100-F200A-B16-V15**	Read head for incident light positioning system
	**PGV100-F200A-B17-V1D**	Read head for incident light positioning system
	**PGV100-F200A-B25-V1D**	Read head for incident light positioning system
	**PGV100-F200A-B6-V15B**	Read head for incident light positioning system
	**PGV100-F200A-R4-V19**	Read head for incident light positioning system
	**PGV100-F200A-R4-V19-6829**	Read head for incident light positioning system

Release date: 2022-07-18 Date of issue: 2022-07-22 Filename: 296110_eng.pdf

Matching System Components

	**PGV100R-F200-B16-CJD**	Read head for incident light positioning system
	**PGV100A-F200-B28-V1D**	Read head for incident light positioning system
	**PGV100A-F200A-B28-V1D**	Read head for incident light positioning system

Release date: 2022-07-18 Date of issue: 2022-07-22 Filename: 296110_eng.pdf