



ProGuard UV Gloss Laminate

Technical Data Sheet

Self-adhesive, cadmium-free, glossy, crystal clear, high quality soft PVC film. Coated on one side with a solvent-free, age resistant and permanently elastic acrylate adhesive. Private Label PS Gloss Laminate is washable and resistant to a large number of detergents and solvents.

Recommended Application

For protection and enhancement of photographs, drawings, plans, signs, maps and other printed matter.

Film Type

Plasticized PVC,
Crystal clear, colorless vinyl

Thickness [μm]

70 \pm 5
(3 mil)

Weight [g/m^2]

90 \pm 5

Breaking Force [N/15mm]

DIN 53455, speed 50 mm/min
Lengthwise >25
Crosswise >20

Elongation at Tear [%]

DIN 53455, speed 50 mm/min
Lengthwise 200 \pm 20
Crosswise 200 \pm 30

Gloss [gradations]

Dr. Lange reflectometer measuring
angle 60° >85°

Adhesive

Base polyacrylate
pH Value approx. 7.0
Weight 28 \pm 2 g/m^2

Adhesive Strength [N/25 mm]

AFERA-Norm 4001
10 min. V2A steel >7
24 hrs. V2A steel >15

Temperature Stability

Affixed to aluminum
-30° C to +50° C
-20° F to +120° F

Humid Climate Stability

Affixed to Aluminum
2 weeks at 95% rel. humidity and
40°C / 104° F
no change

Handling/Storage Conditions

18 to 25° C / 60 to 80° F
40-65 % relative humidity

Shelf Life

2 years

Masking

Type white, unprinted kraft
paper, siliconized on
one side

Weight 62 \pm 6 g/m^2

Test Climate

All tests were undertaken in a
normal climate in accordance with
23/50-2, DIN 50014.

Temperatures in Fahrenheit and thicknesses in mil are given as approximate values. All data are standard values. The information in this specification sheet is based on findings obtained in practice. Because of the high number of factors which can have an effect during handling and application, customer tests will also be required. A legally binding guarantee of specific properties is not to be inferred from our specifications.

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