

Product data sheet



Product: 2000AG
MIRO-SILVER® 20
Scatter Gloss

4700/0294/003/05.23

Alloy ¹ Al 99,85
Hardness ² H16

Treatment front side (S1) brightened, anodised and PVD-coated
Treatment reverse side (S2) anodised

Coating system (S1) PVD - based on AG 99,95

Iridescence assessment (S1) absolutely free of interference colours

Supply form

Metal Thickness [mm] Coil, strip, sheet, blanks
0,40/0,50/0,75
Width up to [mm] 1250,00

Optical Values

Total light reflection [%] 97 DIN 5036-3 (U-Globe) (8°)
Diffuse light reflection [%] 96 DIN 5036-3 (U-Globe) (8°)
Reflectance class A+ DIN EN 16268

Mechanical Properties

Tensile strength Rm [MPa] >115
Yield strength Rp 0,2 [MPa] >100
Elongation at break A50 [%] 2
Bending radius 1,5 x gauge of material

Tolerances

Metal Thickness [mm] 0,40 - 0,50 ± 0,04
[mm] 0,51 - 0,60 ± 0,05
[mm] 0,61 - 0,80 ± 0,06
max Width/Coil [mm] + 3,00 / - 0,00
Width Slit Coil [mm] ± 0,20 standard
Length [mm] 0 - 600 + 1,00 / - 0,00
[mm] 601 - 1500 + 1,50 / - 0,00
[mm] 1501 - 2500 + 2,50 / - 0,00
[mm] 2501 - 3500 + 3,50 / - 0,00
Flatness [%] 2 % of wavelength
Transversal Divergency [mm] 1,5 (D1-D2)
other tolerances on request

Protective Film

Protective Film Type [-] PE - Film
Protective Film Thickness [µm] 50 - 60
The optical properties advised above are based on material thicknesses
from 0,40 to 0,50 mm

The alloy is in accordance mill specification

¹ based on DIN EN 573-3 (Aluminium) resp. Rolling mill standard

² based on DIN EN 485-2 (Aluminium) resp. Rolling mill standard

