

Product data sheet



Product: 1200AG HD
MIRO-SILVER® 12 HD

4700/0814/001/02.14

Additional information provisional

Alloy ¹ AlMg 1
Hardness ² 1/2 hard

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

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

Delivery options

in form of Coil, strip, sheet, blanks
Thickness from/to [mm] 0,30 - 1,20
Width up to [mm] 1250,00

Optical Values

Total light reflection	[%]	≥ 97	DIN 5036-3 (U-Globe) (8°)
Diffuse light reflection	[%]	≥ 97	DIN 5036-3 (U-Globe) (8°)
Brightness along	[-]	8 - 15	ISO 7668 (60°)
Brightness across	[-]	8 - 15	ISO 7668 (60°)
Reflectance class		A+	DIN EN 16268

Mechanical Properties

Yield strength Rp 0,2	[MPa]	150 - 175
Tensile strength Rm	[MPa]	160 - 185
Elongation A50	[%]	≥ 2
Deformation/Bending/Bending radius		≥ 1,5 x gauge of material

Tolerances

Thickness from/to	[mm]	0,30 - 0,50 ± 0,04
	[mm]	0,51 - 0,60 ± 0,05
	[mm]	0,61 - 1,00 ± 0,06
	[mm]	1,01 - 1,20 ± 0,07
Width/Coil up to	[mm]	+ 3,00 / - 0,00
Width Slit Coil	[mm]	± 0,20 standard
Longitudinal Curvature	[mm]	≤ 1,00 on a measuring length of 1000 mm
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	[%]	1 % of wavelength, max. 8 mm
Transversal Divergency	[mm]	≤ 1,5 (D1-D2)

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

¹ based on DIN EN 573-3 resp. rolling mill standard

² based on DIN EN 485-2 resp. rolling mill standard

