

Product data sheet



Product: 2000AG
MIRO-SILVER® 20
Scatter Gloss

4700/0294/001/08.13

Alloy	¹	Al 99,85
Hardness	²	3/4 hard

Treatment front side	(S1)	brightened, anodised and PVD-coated
Treatment reverse side	(S2)	anodised
Coating system	(S1)	PVD AG 99,95
Iridescence assessment	(S1)	absolutely free of interference colours

Delivery options

in form of		Coil, strip, sheet, blanks
Thickness from/to	[inch]	0.0157 - 0.0315
Width up to	[inch]	49.2126

Optical Values

Total light reflection	[%]	≥ 97	DIN 5036-3 (U-Globe) (8°)
Diffuse light reflection	[%]	≥ 97	DIN 5036-3 (U-Globe) (8°)
Brightness along	[-]	18 - 28	ISO 7668 (60°)
Brightness across	[-]	23 - 33	ISO 7668 (60°)
Reflectance class		A+	DIN EN 16268

Mechanical Properties

Yield strength Rp 0,2	[ksi]	13.8 - 16.7
Tensile strength Rm	[ksi]	14.5 - 17.4
Elongation A50	[%]	≥ 2
Deformation/Bending/Bending radius		≥ 1.5 x gauge of material

Tolerances

Thickness from/to	[inch]	0.0157 - 0.0197 ± 0.0016
	[inch]	0.0201 - 0.0236 ± 0.0020
	[inch]	0.0240 - 0.0315 ± 0.0024
Width/Coil up to	[inch]	+ 0.1181 / - 0.0000
Width Slit Coil	[inch]	± 0.0079 standard
Longitudinal Curvature	[inch]	≤ 0.0394 on a measuring length of 39.3700
Length	[inch]	0.0000 - 23.6220 + 0.0394 / - 0.0000
	[inch]	23.6221 - 59.0551 + 0.0591 / - 0.0000
	[inch]	59.0552 - 98.4252 + 0.0984 / - 0.0000
	[inch]	98.4253 - 137.7953 + 0.1378 / - 0.0000
Flatness	[%]	1 % of wavelength, max. 0.3150 [inch]
Transversal Divergency	[inch]	≤ 0.0591 (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 0.0157 to 0,0197 inch

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

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

