

# Product data sheet



Product: 5011AG  
MIRO-SILVER® 5  
Reflector Diffuse

4700/0403/002/09.24

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Alloy	<sup>1</sup>	Al 99,7 (1070A)
Hardness	<sup>2</sup>	H19

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

Coating system	(S1)	PVD - based on AG 99,95
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Iridescence assessment	(S1)	absolutely free of interference colours
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## Supply form

		Band, Spaltband, Tafeln, Zuschnitte
max Width/Coil	[mm]	1250
Metal Thickness	[mm]	0,3/0,4/0,5

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## Mechanical Properties

Bending radius		1,5 x gauge of material
Tensile strength Rm	[MPa]	> 160
Yield strength Rp 0,2	[MPa]	> 140
Elongation at break A50	[%]	1

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## Optical Values

Brightness 60° along	[-]	85±5	ISO 7668 (60°)
Brightness 60° across	[-]	33±10	ISO 7668 (60°)
Total light reflection	[%]	>96	DIN 5036-3 (U-Globe) (8°)
Diffuse light reflection	[%]	>85	DIN 5036-3 (U-Globe) (8°)

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## Tolerances

max Width/Coil	[mm]	+3,00 / - 0,00
Transversal Divergency	[mm]	1,5 (D1_D2)
Flatness	[%]	2 % of wavelength
Longitudinal Curvature	[mm]	1,00 on a measuring length of 1000 mm
Width Slit Coil	[mm]	± 0,20 Standard
Length	[mm]	0 - 600 + 1,00/-0,00
	[mm]	600 - 1500 + 1,50/-0,00
	[mm]	1500 - 2500 + 2,50/-0,00
	[mm]	2500 - 3500 + 3,50/-0,00
Metal Thickness	[mm]	0,30 ±0,03
	[mm]	0,40 ±0,03
	[mm]	0,50 ±0,03

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## Protective Film

Protective Film Thickness	[µm]	50 - 60
Protective Film Type	[-]	PE - Film

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

<sup>2</sup> based on DIN EN 485-2 (Aluminium) resp. Rolling mill standard

