

# Product data sheet



Product: 4400GP  
MIRO® 4 - High Specular

4700/0651/001/08.13

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Alloy	<sup>1</sup>	Al 99,85
Hardness	<sup>2</sup>	soft
Treatment front side	(S1)	brightened, anodised and PVD-coated
Treatment reverse side	(S2)	anodised
Coating system	(S1)	PVD - based on Al 99,99
Iridescence assessment	(S1)	absolutely free of interference colours

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## Supply form

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

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## Optical Values

Total light reflection	[%]	95	DIN 5036-3 (U-Globe) (8°)
Diffuse light reflection	[%]	12	DIN 5036-3 (U-Globe) (8°)
Brightness 60° along	[-]	89	ISO 7668 (60°)
Brightness 60° across	[-]	88	ISO 7668 (60°)
Reflectance class		A	DIN EN 16268

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## Mechanical Properties

Yield strength Rp 0,2	[MPa]	30 - 60
Tensile strength Rm	[MPa]	60 - 90
Elongation at break A50	[%]	30
Bending radius		1,5 x gauge of material

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## Tolerances

Metal Thickness	[mm]	0,75 ± 0,06
max Width/Coil	[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)
		other tolerances on request

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## Protective Film

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

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provisional

<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

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