

# Product data sheet



Product: 4270GP  
MIRO® 27 - High Specular

4700/0045/002/09.23

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Alloy	<sup>1</sup>	Al 99,85 (AL1085A2)* or Al 99,5/99,85 clad
Hardness	<sup>2</sup>	H18

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

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

Metal Thickness	[mm]	Coil, strip, sheet, blanks	0,3/0,5/0,7
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	[%]	10	DIN 5036-3 (U-Globe) (8°)

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## Mechanical Properties

Tensile strength Rm	[MPa]	>125
Yield strength Rp 0,2	[MPa]	>105
Elongation at break A50	[%]	2
Bending radius		1,5 x gauge of material

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## Tolerances

Metal Thickness	[mm]	0,3 - 0,7 ± 0,04
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	[%]	2 % of wavelength
Transversal Divergency		other tolerances on request

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## 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

\*AL1085A2 in accordance mill specification

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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

