

# Product data sheet



**Product:** 1700AGHPSP  
MIRO-SILVER® 17 CoM HPSP

4700/0681/007/02.24

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**Additional information** MIRO-Silver® CoM features a reflection coefficient of up to 98 %, which significantly increases the efficiency of LED-modules.

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**Alloy** <sup>1</sup> Al 99,85  
**Hardness** <sup>2</sup> hard

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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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## Supply form

Metal Thickness [mm] data sheet see appendix!  
0,20 - 1,50  
Width up to [mm] 1250,00

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## Optical Values

Total light reflection	[%]	98 ± 1	DIN 5036-3 (U-Globe) (8°)
Diffuse light reflection	[%]	≤ 10 (0,20 - 0,75mm)	DIN 5036-3 (U-Globe) (8°)
	[%]	≤ 30 (0,80 - 1,50mm)	DIN 5036-3 (U-Globe) (8°)
Colour value b*	[-]	0 < b* < 2	DIN 5033-7 (8°)

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## Mechanical Properties

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

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## Tolerances

Metal Thickness	[mm]	0,20 - 1,50 +0,02 / -0,03
max Width/Coil	[mm]	+1,50 / -0,00
Width Slit Coil	[mm]	± 0,20 standard
Length	[mm]	0 - 600 + 1,00 / - 0,00
	[mm]	601 - 1500 + 1,50 / - 0,00
Flatness	[%]	1,5 % 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

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Environmental Resistance Do not Plasma clean

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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

