

Product data sheet



Product: 4270AG
MIRO-SILVER® 27
High Specular

4700/0043/004/04.23

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

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		
max Width/Coil	[mm]	1250,00
Metal Thickness	[mm]	0,2/0,3/0,4/0,5

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

Tolerances		
Transversal Divergency	[mm]	1,5 (D1_D2) other tolerances on request
Metal Thickness	[mm]	0,20 - 0,50 ± 0,02
max Width/Coil	[mm]	+1,5 / - 0,00
Width Slit Coil	[mm]	± 0,20 Standard
Flatness	[%]	<2 % of wavelength
Longitudinal Curvature	[mm]	1,00 on a measuring length of 1000 mm
Length	[mm]	600 - 1500 + 1,50/-0,00
	[mm]	2500 - 3500 + 3,50/-0,00
	[mm]	1500 - 2500 + 2,50/-0,00
	[mm]	0 - 600 + 1,00/-0,00

Optical Values			
Diffuse light reflection	[%]	< 7.5	DIN 5036-3 (U-Globe) (8°)
Total light reflection	[%]	98 +1/-0,2	DIN 5036-3 (U-Globe) (8°)

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

The optical properties advised above are based on material thicknesses from 0,40 to 0,50 mm

*AL1085A2 according mill specification

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

² based on DIN EN 485-2 (Aluminium) resp. Rolling mill standard

