

# Product data sheet



**Product:** 328G2  
High Specular

4700/0018/001/08.13

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**Alloy** <sup>1</sup> Aluminium / 1090 to 1050 clad material  
**Hardness** <sup>2</sup> hard

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Treatment front side (S1) brightened, anodised  
Treatment reverse side (S2) anodised

Iridescence assessment (S1) controlled iridescence

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## Supply form

Coil, strip, sheet, blanks  
Thickness [inch] 0.0118 - 0.0315  
Width up to [inch] 49.2126

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## Optical Values

Total light reflection	[%]	≥ 86	DIN 5036-3 (U-Globe) (8°)
Diffuse light reflection	[%]	≤ 16	DIN 5036-3 (U-Globe) (8°)
Brightness 60° along	[-]	≥ 79	ISO 7668 (60°)
Brightness 60° across	[-]	≥ 75	ISO 7668 (60°)

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## Mechanical Properties

Yield strength Rp 0,2	[ksi]	23.2 - 27.6
Tensile strength Rm	[ksi]	26.1 - 30.5
Elongation at break A50	[%]	≥ 2
Bending radius		≥ 1.5 x gauge of material

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## Tolerances

Thickness	[inch]	0.0118 - 0.0197 ± 0.0016
	[inch]	0.0201 - 0.0236 ± 0.0020
Width/Coil	[inch]	0.0240 - 0.0315 ± 0.0024
	[inch]	+ 0.1181 / - 0.0000
Width Slit Coil	[inch]	± 0.0079 standard
Longitudinal Curvature Length	[inch]	≤ 0.0394 on a measuring length of 39.3700
	[inch]	0.0000 - 23.6220 + 0.0394 / - 0.0000
	[inch]	23.6221 - 59.0551 + 0.0591 / - 0.0000
	[inch]	59.0552 - 98.4252 + 0.0984 / - 0.0000
	[inch]	98.4253 - 137.7953 + 0.1378 / - 0.0000
Flatness	[%]	1 % of wavelength, max. 0.3150 [inch]
Transversal Divergency	[inch]	≤ 0.0591 (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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<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

