

# Product data sheet

## 4400AG, MIRO® 4 SILVER

**Product** Miro-Silver®, Extra Bright Rolled, reflection

**Delivery options** Coil, strip, sheet, blanks

Thickness of up [inch] 0,0079 - 0,0315

Width of up to max [inch] 49,2125

### Optical Properties

		Front (S1)	Rear (S2)
Total light reflection <sup>1</sup>	[%]	≥ 98	
Diffuse light reflection	[%]	< 12	
Total light reflection <sup>2</sup>	[%]	≥ 98	
Brightness <sup>3</sup> along		91	
across		90	
Color values	b	0 - 5	

### Surface Properties

Treatment (S1) brightened, anodised and PVD-coated

PVD Coating (S1) PVD AG 99,95

Iridescence Assessment (S1) Absolutely free of interference colors

Treatment (S2) anodised

**Material / Alloy<sup>5</sup>** AL 99.85

**Hardness<sup>6</sup>** Hard

### Mechanical Properties

Tensile strength [MPa] 23,2 - 29,0

Yield strength [MPa] 20,3 - 26,1

Elongation (A50) [%] ≥ 2

Deformation / Bending [Bending radius] ≥ 1,5 x gauge of material

### Tolerances

Gauge [inch] 0,0118 - 0,0197 ± 0,0016 0,0240 - 0,0315 ± 0,0024

[inch] 0,0201 - 0,0236 ± 0,0020

Width / Coil [inch] + 0,1181

Width Slit Coil [inch] ± 0,0079 Standard ± 0,0020 Special

Longitudinal Curvature [inch] ≤ 0,0394 on a measuring length of 39.37 inches

Sheet [inch] - 23,6220 + 0,0394 - 59,0550 - 98,4250 + 0,0984 -

[inch] 23,6220 - 59,0550 + 0,0591 - 98,4250 - 137,7950 + 0,1378 -

Transversal divergency [inch] ≤ 0,0591 (D1-D2)

**PE-Film** Protective film

50-60 µm

<sup>1</sup>DIN 5036-3 (U-Globe)

<sup>2</sup>ASTM E-1651 (TR-2)

<sup>3</sup>ISO 7688 (60° / calibrated 91.8)

<sup>4</sup>ASTM E-430 (Hunter Dorigon, Tricolor DOI Hazemeter)

<sup>5</sup>acc. to DIN EN 573-3/Millsnorm/Other

<sup>6</sup>acc. to DIN EN 485-2 / Millsnorm / Other