

# Product data sheet



**Product:** 4400UVC  
**MIRO® 4 UV-C - High Specular  
PVD-Coated Increased Reflection**

4700/1191/010/03.22

## Additional information

<b>Alloy</b>	<sup>1</sup>	Al 99,85
<b>Hardness</b>	<sup>2</sup>	hard
Treatment front side	(S1)	brightened, anodised and PVD-coated
Treatment reverse side	(S2)	anodised
Coating system	(S1)	PVD - based on Al 99,99

## Supply form

Thickness:	[inch]	Coil, strip, sheet, blanks 0.0197/ 0,0315 (other material thicknesses on request)
Width up to	[inch]	49.2126

## Optical Values

Reflectance [250nm]	[%]	90 ± 2,00	UV/VIS/NIR Spektrometer
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## Mechanical Properties

Yield strength Rp 0,2	[ksi]	20.3 - 26.1
Tensile strength Rm	[ksi]	23.2 - 29.0
Elongation at break A50	[%]	≥ 2
Bending radius		≥ 1.5 x gauge of material

## Tolerances

Thickness	[inch]	0.0197+0.0315 ± 0.0020
Width/Coil	[inch]	+ 0.1181 / - 0.0000
Width Slit Coil	[inch]	± 0.0079 standard
Longitudinal Curvature	[inch]	≤ 0.0394 on a measuring length of 39.3700
Length	[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

## Protective Film

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

<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

