

Product data sheet



Product: 2000UVC
MIRO® 20 UV-C - Scatter Gloss
PVD-Coated Increased Reflection

4700/1213/006/03.21

Alloy	¹	Al 99,85
Hardness	²	3/4 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 (other material thicknesses on request)
Width up to	[inch]	49.2126

Optical Values

Reflectance [250nm]	[%]	90 ± 3,00	UV/VIS/NIR Spektrometer
Diffuse light reflection	[%]	> 80	DIN 5036-3 (U-Globe) (8°)

Mechanical Properties

Yield strength Rp 0,2	[ksi]	13,8 - 16,7
Tensile strength Rm	[ksi]	14,5 - 17,4
Elongation at break A50	[%]	≥ 2
Bending radius		≥ 1.5 x gauge of material

Tolerances

Thickness	[inch]	0,197 ± 0.0020
Width/Coil	[inch]	+ 0.1181 / - 0.0000
Width Slit Coil	[inch]	± 0.0079 standard
Longitudinal Curvature	[inch]	-0.0000/+0.0394
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

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

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

