

Product data sheet



Product: DP4
DECO PRIME 4
High Specular

4700/0486/004/10.22

Alloy	¹	Al 99,85
Hardness	²	hard

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

Supply form

Thickness	[inch]	Coil, strip, sheet, blanks 0.0079 - 0.0472
Width up to	[inch]	49.2126

Mechanical Properties

Tensile strength Rm	[ksi]	> 18,1
Yield strength Rp 0,2	[ksi]	> 15,2
Elongation at break A50	[%]	≥ 2
Bending radius		≥ 1.5 x gauge of material

Tolerances

Thickness	[inch]	0.0079 - 0.0197 ± 0.0016
	[inch]	0.0201 - 0.0236 ± 0.0020
	[inch]	0.0240 - 0.0394 ± 0.0024
	[inch]	0.0398 - 0.0472 ± 0.0028
Width/Coil	[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

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

