



Quality:	320G	highgloss	anodizing quality
Characteristic:			
Available in:	Coil, strip, sheet, blanks		
Availability:	gauge:	from 0,30 to 1,20 mm	
	width:	to maximal 1250 mm	
Alloy:	acc. to DIN EN 573-3 resp. Millsnorm	Al 99,85 /	
Hardness:	acc. to DIN EN 485-2 resp. Millsnorm	hard	
Mechanical Properties:			
Tensile strength	MPa	160 - 200	
Yield Strength	MPa	140 - 180	
Elongation (A50)	%	>= 2	
Hardness Brinell	HB		
Deformation / Bending:	smallest bending radius min.1,5 x gauge of material.		
Treatment:	electrolytically brightened anodized		
Oxide layer:	µm	1,1 ± 0,2	
Iridescent colours:	grade G = no demand for iridescence		
Tolerances:			
Gauge:	mm	0,20 - 0,50 ± 0,04 0,50 - 0,60 ± 0,05	0,60 - 1,00 ± 0,06 1,00 - 1,20 ± 0,07
Width / Coil:	mm	+ 3,00 / - 0,00	
Slit Coil:	mm	± 0,20 standard	± 0,05 special
Longitudinal Curvature:	mm	maximum 1,00 on 1000 mm measurement length	
Sheet:	mm	0 - 600 +1,00 / - 0,00 600 - 1500 +1,50 / - 0,00	1500 - 2500 +2,50 / - 0,00 2500 - 3500 +3,50 / - 0,00
Flatness:		1 % of wavelength maximum 8,00 mm	
Transversal divergency:		D1 / D2 = maximal 1,50 mm	
Optical Properties:			
Reflection acc. to DIN 5036-3 (Ulbricht Globe)		Reflection acc. to ASTM E-1651 (TR-2)	
Totalreflection:	%	86	Totalreflection: % 86
Diffuse Reflection:	%	< 16	
Brightness acc. to ISO 7668 (Dr.Lange Reflektometer) calibrate 91,8 / 60°			
along:		80	
across:		76	
Brightness acc. to ASTM E-430 (Hunter Dorigon)			
Image Clarity (DI)		94	Reflectance specular (RS)
Diffuseness (H 15)		<= 0,01	
Protective Film:			
PE - easily removable 50-60 µm , not UV resistant, different colours.			
Normal: red			
Easy-Peel: yellow			
900/45/03/08.99			