



<b>Quality:</b>	4400GP	MIRO-4, Highgloss	PVD-Coated
<b>Characteristic:</b>			
<b>Available in:</b>	Coil, strip, sheet, blanks		
<b>Availability:</b>	gauge: from 0,30 to 0,80 mm width: to maximal 1250 mm		
<b>Alloy:</b>	acc. to DIN EN 573-3 resp. Millsnorm Al 99,85 / PVD 99,99		
<b>Hardness:</b>	acc. to DIN EN 485-2 resp. Millsnorm hard		
<b>Mechanical Properties:</b>			
Tensile strength	MPa	160 - 200	
Yield Strength	MPa	140 - 180	
Elongation (A50)	%	>= 2	
Hardness Brinell	HB		
<b>Deformation / Bending:</b>	smallest bending radius min.1,5 x gauge of material.		
<b>Treatment:</b>	electrolytically brightened anodized and PVD coated		
<b>Oxide layer:</b>	µm	PVD coated	
<b>Iridescent colours:</b>	absolutly colourfree		
<b>Tolerances:</b>			
Gauge:	mm	0,20 - 0,50 ± 0,03 0,50 - 0,80 ± 0,04	
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	1500 - 2500 +2,50 / - 0,00
		600 - 1500 +1,50 / - 0,00	2500 - 3500 +3,50 / - 0,00
Flatness:		1 % of wavelength maximum 8,00 mm	
Transversal divergency:		D1 / D2 = maximal 1,50 mm	
<b>Optical Properties:</b>			
Reflection acc. to DIN 5036-3 (Ulbricht Globe)		Reflection acc. to ASTM E-1651 (TR-2)	
Totalreflection:	%	95	Totalreflection: % 95
Diffuse Reflection:	%	< 12	
Brightness acc. to ISO 7668 (Dr.Lange Reflektometer) calibrate 91,8 / 60°			
along:		89	
across:		88	
Brightness acc. to ASTM E-430 (Hunter Dorigon)			
Image Clarity (DI)		95	Reflectance specular (RS)
Diffuseness (H 15)		<= 0,01	
<b>Protective Film:</b>			
PE - easily removable 50-60 µm , not UV resistant, different colours.			
Normal:			
Easy-Peel: yellow			
900/45/03/08.99			