



**PRODUCT DATASHEET**

<b>Description:</b>	MondoSign 1.6mm solid aluminium sheet is for signage and printing applications in both interior and exterior environments. It has an optimised PET matte white paint for digital UV inks, with mill finish on the reverse side. The aluminium sheet is designed to be used flat for signage, visual communication and corporate identity either by mounted graphics or digitally printed, has excellent corrosion resistance, and is 100% recyclable. Digital printing by UV or latex inks.
<b>Alloy:</b>	3003 ASTM B209
<b>Temper:</b>	H24
<b>Gauge:</b>	1.6mm
<b>Painted Weight:</b>	13.1kgs p/sheet
<b>Raw Density:</b>	2730 kg/m <sup>3</sup>
<b>Tensile Strength:</b>	>185min MPA
<b>Elongation:</b>	>5 (% in 50mm)
<b>Elastic Modulus:</b>	69 GPa
<b>Mean Coefficient of Thermal Expansion</b>	23.2 (20-100 °C - um/m/ °C)
<b>Thermal Conductivity:</b>	193 @ 25 °C W/m.K
<b>Electrical Conductivity MS/m@ 20degC:</b>	29 (equal volume); 92 (equal mass)
<b>Electrical Resistivity (n.m):</b>	34
<b>Paint:</b>	PPG white PET paint system, REACH & RoHS compliant
<b>PE Protection Film:</b>	Clear 100microns
<b>Welding:</b>	Excellent weldability by all standard methods, gas, electric & resistance welding
<b>Bending:</b>	Recommend use flat but the sheet can be cold bent
<b>Fire Performance:</b>	Non-combustible, ASTM B209 & in test AS1530.1
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