

# Marking

## Marking of Anodised Aluminium

The use of anodised material is widely used across many industries, as the colours offered by the anodising process are almost unlimited. The coloured anodised layer is only a few microns on the surface of the aluminium substrate.

Using our redENERGY Pulsed Fiber Lasers this coloured layer can be removed to reveal the underlying aluminium. For this application a broad energy distribution in the beam as offered by our H-type higher moded Lasers allows rapid processing of these parts with a capability for removal rates up to several cm<sup>3</sup>/s. This process benefits from the high repetition rates and the control of the pulse duration offered by our HS functionality.

### Related Product



Visit our website to view the full product datasheet  
**redENERGY G4**



## Application Parameters

Type	G4 40W HS-H
Power	40W
M <sup>2</sup>	1.8
Beam Ø	8mm
Scanner/Lens	10mm aperture / 254mm F - theta
Energy	WF2 0.06mJ @500kHz

### Postcard Archive



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