

What is DuraBlack

DuraBlack

Multi-stage coated anodized aluminum for laser engraving

DuraBlack is a black anodized aluminum with an additional multi-stage coating. This combination was developed specifically for laser engraving and enables permanent markings with a high level of detail.

Construction and purpose of the coating

DuraBlack's anodized, black aluminum surface carries a multi-stage coating. It is tuned so that the laser reproduces fine lines and small text sizes cleanly and with sharp edges during engraving.

The result is a high-resolution engraving that stays legible even for small-scale markings such as scales, technical symbols or serial numbers.

- High-resolution engraving results thanks to the multi-stage coating
- Permanent, consistent contrast
- Well suited to small-scale, detailed labeling

Typical Properties

- Multi-stage coated, black anodized aluminum
- High-resolution, permanent laser engraving
- Consistently deep black surface

Product Examples

- Nameplates with fine detail
- Scales and display elements
- Control front panels

Typical Industries

- Electronics and equipment engineering
- Measurement and control technology
- Signage and nameplates

	Test Method	Unit	Value
Version			
Material			Aluminum, anodized, multi-stage coated
Surface color			black anodized
Processing			Laser engraving, high resolution