

metalphoto







Agenda

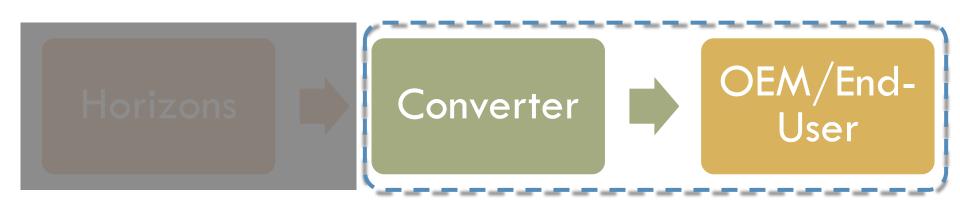
- Why We're Here (purpose)
- What is Metalphoto[®]?
- Why use Metalphoto[®]?
- When to use Metalphoto[®]?
- Selling Tools You Can Use!
- Questions / Discussion



Why We're Here?

- You achieved Certified Converter Status
- Metalphoto is unique/one-of-a-kind material with unique/one-of-a-kind benefits
- □ Together we can grow Metalphoto sales
- □ But we need your help...think supply chain...





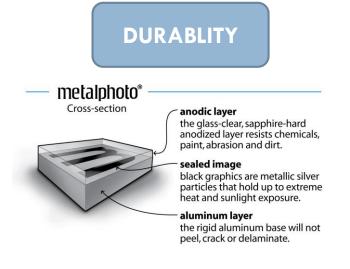
Metalphoto History/Overview

- Developed in 1950 = 65 year history.
- Converted by over 500 companies worldwide.
- Metalphoto[®] is known generically as photosensitive anodized aluminum.
- Used to make durable, high-resolution nameplates, labels, and control panels.
- Cornerstone applications include aerospace, marine, barcode, transportation and heavy equipment product/process identification.
- Tagline: Trusted Where Permanent Identification is Critical.
- □ https://en.wikipedia.org/wiki/Photosensitive Anodized Aluminum



Why Use Metalphoto?

 Metalphoto is unique among graphic identification materials because it combines the benefits of durability, image resolution and variable data capability.



VARIABLE INFO



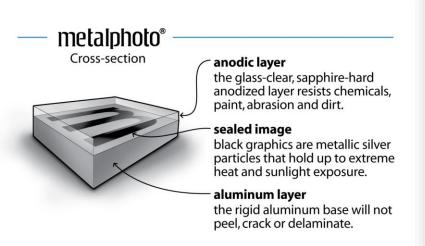
IMAGE RESOLUTION

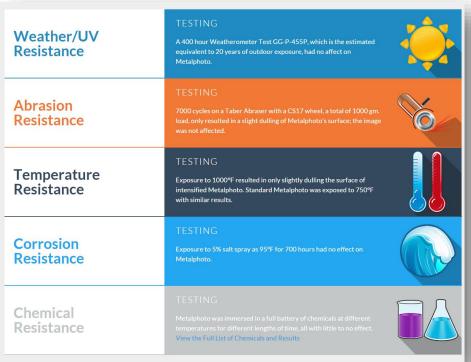


Durable Construction Means...



Metalphoto's durability comes from its image — which is sealed <u>inside</u> of the anodized aluminum, providing corrosion, sunlight, abrasion, temperature and chemical resistance.



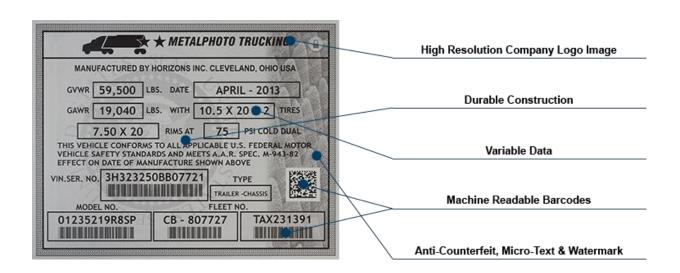


More top scores than any other label material tested by the U.S. Navy (NSWC, Corona Division, IUID Center; August 2011).

Variable Data Capability Means...



- Automated asset tracking, guaranteed traceability, fewer data entry errors and faster processing.
- Metalphoto's ability to create hundreds, thousands, even millions of unique labels or nameplates is a function of its unique imaging process.
- The benefit of this process is that Metalphoto labels and nameplates can contain "item-unique" serialized data, one of a kind instructions and/or barcodes of any symbology.



Photographic Resolution Means...



- Beyond the aesthetic benefits of photographic resolution, Metalphoto's photographic resolution capability can be used produce small, high-resolution labels to identify small items or surfaces where a large label is not feasible.
- Metalphoto's resolution supports security printing features such as micro-print and watermarks that verify the authenticity of a part, protecting against fraud and counterfeiting.
- The Metalphoto image can achieve extremely small sizes 0.5 point font and images at a resolution of 2540 DPI, dots per inch.



Proven Performance Means...



Because of its ability to perform within and across a range of challenging environments, Metalphoto meets an array of government, industrial and military <u>specifications</u> where permanent product identification is critical.

Unique Item Identification Specifications

- Department of Defense: MIL-STD-130N Identification Marking of U.S. Military Property
- Lockheed Martin: LMA-PN010
 Fabrication of UID Nameplates for Aircraft Items

Industry Specifications & Studies

- •BF Goodrich Aerospace
- Boeing Commercial Aircraft Company
- ·Honeywell, Inc.
- •SAE

U.S. Government Specifications

- •Federal Specification GGP-455B
- •MIL-A-8625F
- •MIL-DTL-15024F
- •MIL-STD-130N
- •MIL-P-19834B
- CARDIVNSWC-TR-62-00-05 June 2000
- Space Station Inventory Label Specification
- SSP 50007
- •A-A-50271 Class 2- Composition C

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When To Recommend Metalphoto?

- By condition/environment: 20yrs+ life expectancy; high heat, abrasion, chemical, marine/saltwater exposure...
- By specification/certification: GGP-455B, MIL-DTL-15024F, MIL-STD-130, MIL-P-19834B, A-A-50271, MIL-DTL-19834C, MIL-P-6906B, MIL-A-8625F, SAE-AMS-QQ-A-250/1 or simply call outs for "photosensitive anodized aluminum".
- By graphic requirement: durability and variable data in the form of barcodes, QR codes and/or item unique instructions/data or security printing/anti-counterfeit.
- By application: military, aerospace, marine, transportation, heavy equipment, etc.
- By combination of any of the above...

Technical Specifications

MATERIAL: Anodized Aluminum Sheets

SIZES: 10" x 12", 12" x 20", 20" x 24", 20" x 40", 24" x 40"

THICKNESSES: .003", .005", .008", .012", .020", .032", .039", .063", .090", .125"

FINISHES:



MATTE non-reflective with dull finish



S A T I N semi-gloss medium reflective material



4
brushed to resemble
a stainless steel finish



GLOSShighly reflective,
mirror-like

□ More @ http://metalphoto.com/#resources

selling tools @ www.metalphoto.com

Sell Sheets



Case Studies



Specifications/Certifications



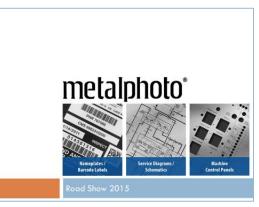
Durability Tests



Industry Specific Applications



Presentations



Samples



Questions?

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