

Substrate

- 99.5% aluminum - alloy 1085
- Produced with "100% green electricity" from the purely regenerative energy source hydropower.
- Lightweight (0.3lbs/sqft)

Ink

- **Eco-friendly** - Solvent and VOC free, and Greenguard Gold certified
- **Safe** - Complies with applicable safety regulations
- **GreenGuard Gold Certified:** UL certification, warrants low chemical emissions for interior print products.
- **NVC free:** No NVC (N-Vinyl-Caprolactam) monomer is present in the ink. NVC can be a harmful to humans if injected.
- **VOC free:** NO VOCs (Volatile Organic Compounds) are present in the ink.
- **TPO free:** Does not contain any TPO - diphenyl (2, 4, 6-trimethylbenzoyl) phosphine oxide. Formulated using safer photo-initiators options.
- **Vegan:** The production of the UV-inks is free of animal-based substances.
- **RoHS 3/WEEE:** Compliant with the RoHS 3 directive (Restriction of Hazardous Substances) 2011/65/EU and the WEEE II directive (Electrical and Electronic Equipment) 2012/19/EU.
- **California Proposition 65:** CP65 is a Health & Safety Code, confirming no risky components are in the ink, e. g. heavy metal.
- **EN71-3:** European Children Health & Safety Norm: Free of heavy metal, so there is no risk for children's organism.

Laminate

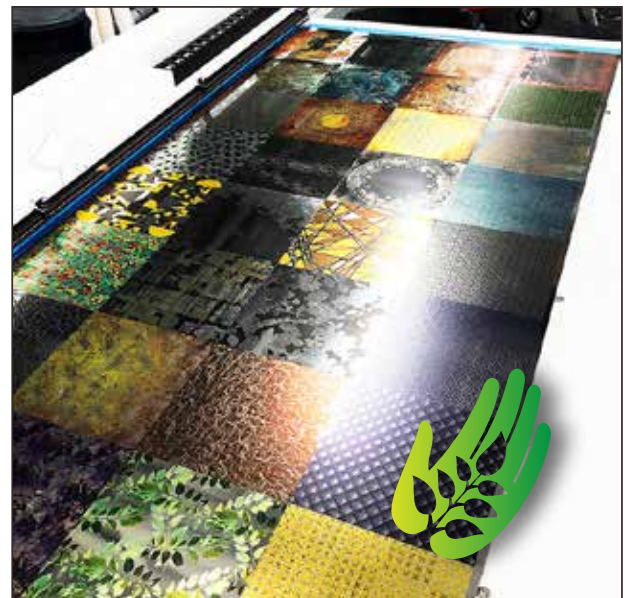
- PVC-Free, 2mil scratch resistant polyester film Unique adhesive to reduce silvering with UV prints.

Analysis

SUBSTANCES	CAS NO.	THRESHOLD VALUE (mg/kg) ppm	LABORATORY VALUES (mg/kg) ppm
Lead (Pb)	7439-92-1	1000	<=60
Hexavalent Chromium (Cr6+)	18540-29-9	1000	<=1
Mercury (Hg)	7439-97-6	1000	<=1
Cadmium (Cd)	7440-43-9	100	<=1

Chemical composition ([%] weight proportion OES)

CAST NUMBER	MATERIAL	Al	Si	Fe	Cu	Mn	Mg	Zn	Ti	Ga
01/0004070/9	99.85	99.85								
	spec. min	99.85								
	spec. max		0.10	0.12	0.03	0.02	0.02	0.03	0.04	0.03
	actual	99.91	0.03	0.03				0.01	0.03	0.01
75/0047768/9	99.5									
	spec. min	99.5								
	spec. max		0.25	0.40	0.05	0.05	0.05	0.07	0.05	0.03
	actual	99.58	0.12	0.27		0.01		0.01	0.02	0.01



Luminux is a great product for environment conscious designers as, even the ink we use is free from solvent and VOC.