



TRANS-MET

TRANS-MET :

⇒ TRANSFER OF METALLIZATION

Since over 25 years, SEALA is a major actor in the activity of lamination from a film (polyester, polypropylen or aluminum) on paper and board.

In order to always satisfy our customers, we evolve with the market and we complete our range of products with the « Trans-Met ».

Principle ?

A thin layer of aluminum is applied on a treated polyester film. Then, the film is laminated on paper/board and thanks to this technical, only the metallization stays on the support, the film is peeled.

TECHNICAL DATA :

Valvac®12 micron Transmet NC : 1 side coated & metallized polyester

Aluminium (0.05 grs)
Print primer (1.5 grs)
Polyester 12 micron (16.8 grs)

The properties given below are warranted for a period of 12 months after delivery, provided the material is stored under normal conditions.

Typical Values	UNIT	TOLERANCE	NOMINAL	NORM
Grammage	g/m ²	± 1,0	18,3	ISO536
Thickness	µm	± 1,2	13,5	ISO534
Optical density	O.D. units	± 0,5	2,0	AMP TM 3.1
Surface tension of print primer	dyne/cm		44	

Printable with UV and traditionnel printing, the film Trans-Met is available in differentes finitions

- ✓ Gold
- ✓ Silver
- ✓ Holographic

Advantages ?

- **An ecological solution : the film disappears, generating a lost of weight of 17g/m², a reduction of the cost of the transport and a better carbon assessment;**
- **100% recyclable in the paper/board channel : your packaging increases in value recoverable at the end of life;**
- **No risk of delamination of the film;**
- **Metallized a thin paper is possible (no curling);**
- **The level of glossy is higher : your packaging keeps all his visual attractions ;**
- **No printing problem due to the treatment of the film, the print primer is adapted to the UV and traditionnal printing;**
- **The Trans-Met suits to an alimentary contact (ISEGA Certificat).**

In a world where the packaging is a real support of communication, it has become necessary for the brand names to distinguished themselves.



With the TRANS-MET (*VALVAC®*), you don't have to choose between gloss and ecology, this process of fabrication combines perfectly quality and respect of the environment.

In partnership with AMP and Valbrun Agency

REACH



Amsterdam Metallized Products: REACH

Dear Customer,

You hereby receive our confirmation, that Amsterdam Metallized Products is meeting all the set requirements of REACH by the effective implementation dates. This implies that the recent update of the SVHC-list (Annex XIV) dated December 19, 2012 (containing 54 substances) does not mention any substances used by A.M.P.

We are a downstream user of substances supplied to us. We have the assurance from all our suppliers of substances and articles that substances and where applicable – articles are (pre)-registered under the REACH regulations.

Again: If at some point in the future substances, articles or preparations have to be withdrawn by our suppliers, for the reason that one or more substances will not be registered, or appear on the SVHC-list, we will source alternatives providing similar functionality of our products. In such cases - if and when required - we will take appropriate action to inform the customer and to facilitate trials of our products with these alternatives.

We have not registered one or more of our products as an article under REACH regulation, as substances of very high concern are not directly added to our products or will only be present in quantities well below 0.1 % content, if supplied via articles that we receive.

In case of additional questions, please contact AMP: www.metallized.nl

Sincere regards,
Amsterdam Metallized Products B.V.

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Handelsregister/Trade register/RC Amsterdam nr. 33.117.268



www.metallized.nl

DR. RALPH DERRA
Öffentlich bestellter und vereidigter
Sachverständiger für Verpackungsmaterialien, Boden- und Luftanalysen

Akkreditiert gemäß
DIN EN ISO / IEC 17025
DIN EN 45011
DACH
DAC-PL-0035-97-20
DAC-ZE-002-08

**ISEGA – Forschungs-
und Untersuchungs-
Gesellschaft mbH
Aschaffenburg**



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29 November 2012
Dr. Dr/dr-hu

**UNBEDENKLICHKEITSERKLÄRUNG
CERTIFICATE OF COMPLIANCE
CERTIFICAT DE CONFORMITE**

eingetragen
registered no.
registré

34651 U 12

für Firma
for Messrs
pour MM

Amsterdam Metallized Products B.V.
Paul van Vlissingenstraat 12
1096 BK Amsterdam
The Netherlands

Produkt
Product
Produit

VALVAC Transfer Metallized Crown Label Silver

The product manufactured by the company mentioned above is a metallized paper grade which is used for food packaging.

The product was examined by us according to the

"Methoden zur Untersuchung von Bedarfsgegenständen, Grundregeln für die Ermittlung der Migration in Prüflebensmittel", entsprechend der Vorschrift Nr. 80.30, 1 - 3 (EG) in der Amtlichen Sammlung von Untersuchungsverfahren nach § 64 des Lebensmittel- und Futtermittelgesetzbuchs - LFGB, Stand vom April 2008,

("Methods for the examination of consumer goods, basic rules for the determination of the migration into food simulants", according to the standard no. 80.30, 1 - 3 (EC) within the Official Collection of Testing Methods according to § 64 of the Foodstuffs and Animal Feed Code - LFGB, state of April 2008),

Geschäftsführer: Dr. Ralph Derra · Handelsregister: Aschaffenburg HRB 3329

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Die Veröffentlichung von Ergebnissen unserer Arbeiten und Gutachten sowie die Verwendung für Werbezwecke bedürfen – auch auszugsweise – unserer schriftlichen Genehmigung.
Erfüllungsort und Gerichtsstand Aschaffenburg

as well as to the

Series of standards EN 1186, EN 13130 and CEN/TS 14234 „Materials and Articles in Contact with Foodstuffs - Plastics“, current state,

for the migration behaviour.

In addition the product was examined according to the US-American regulations of the

Code of Federal Regulations, Food and Drugs (FDA), 21 CFR Ch. I (April 1, 2012 edition), § 175.300,

with regard to the extraction behaviour.

The product is in compliance with the rules of the

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with food and repealing Directives 80/590/EEC and 89/109/EEC, Official Journal of the European Union L 338/4 of 13.11.2004, modified by app. no. 5.17 of the regulation (EC) No 596/2009 of 18 June 2009, Official Journal of the European Union L 188 of 18 July 2009, article 3,

as well as of the

Lebensmittel-, Bedarfsgegenstände- und Futtermittelgesetzbuch (Lebensmittel- und Futtermittelgesetzbuch - LFGB) in der Fassung der Bekanntmachung vom 22. August 2011 (BGBl. I S. 1770), zuletzt geändert durch Artikel 1 der Verordnung vom 3. August 2012 (BGBl. I S. 1708), §§ 30 und 31,

(Foodstuffs, Consumer Goods and Animal Feed Code (Foodstuffs and Animal Feed Code - LFGB) in the version of the notification of 22 August 2011 (BGBl. I p. 1770), last amendment by article 1 of the Directive of 3 August 2012 (BGBl. p. 1708), §§ 30 and 31),

The demands of the

Commission Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food, Official Journal of the European Union L 12/1 of 15 January 2011, last amendment and corrected by Commission Regulation (EU) No 1282/2011 of 28 November 2011, Official Journal of the European Union L 328/22 of 10 December 2011, Chapter II, III and V,

as well as of the

Bedarfsgegenständeverordnung in der Fassung der Bekanntmachung vom 23. Dezember 1997 (BGBl. 1998 I S. 5), zuletzt geändert durch Artikel 5 der Verordnung vom 13. Dezember 2011 (BGBl. I S. 2720),

(Decree on Consumer Goods in the version of the communication of 23 December 1997 (BGBl. 1998 I p. 5), last modification by Article 5 of the Decree of 13 December 2011 (BGBl. I p. 2720)),

are met with regard to the migration behaviour.

Furthermore it is in conformity with the demands of the US-American

Code of Federal Regulations, Food and Drugs (FDA), 21 CFR Ch. I (April 1, 2012 edition), § 175.300,

Thus, the paper grade VALVAC Transfer Metallized Crown Label Silver manufactured by means of transfer metallizing process according to the sample material submitted may be used safely for the packaging of dry and fatty foodstuffs.

This certificate of compliance has a validity of 2 years and consists of 4 pages.

Staatlich anerkannter Sachverständiger
zur Untersuchung von Gegenständen von
verschiedenem Material aus Papier, Pappe,
Karton, Kunststoff, Metallblech und
sonstigen Materialien in Verbindung mit ihrer
Lebensmittelrechtliche Labordienstelle



(Burkardt)
Officially certified
and authorized food
chemist

The translation of the above stamps is given on page 4.
La traduction des estampilles est donnée en page 4.



Staatlich anerkannter Sachverständiger zur Untersuchung der Gegenproben von Verpackungsmitteln aus Papier, Pappe, Kunststoffen, Glas, Weißblech und sonstigen Metallverpackungen auf ihre lebensmittelrechtliche Unbedenklichkeit

Dr. Ralph Derra

Authorized expert for the analyses of packaging materials, attested by the Aschaffenburg Chamber of Industry and Commerce.

Expert autorisé pour l'analyse des matériaux d'emballage, assermenté par la Chambre d'Industrie et de Commerce d'Aschaffenburg.

State registered expert for the analysis of contrasting samples of packaging materials of paper, board, plastics, glass, tin plate and other metallic packaging materials as to their suitability for use with foodstuffs.

Expert public pour l'étude du control des contre-échantillons d'emballages de papier, cartons, plastiques, verre, fer-blanc et d'autres emballages métalliques concernant leur conformité alimentaire.



Dr. Ralph Derra

Authorized expert for the analyses of soil and air, attested by the Aschaffenburg Chamber of Industry and Commerce.

Expert autorisé pour l'analyse du sol et de l'air, assermenté par la Chambre d'Industrie et de Commerce d'Aschaffenburg.

Die Rücklagen des untersuchten Materials werden bei der Gutachterstelle verwahrt.
A file sample of the tested material is kept at the expert's office.
Réserve du matériel analysé est gardée au bureau de l'expert.