



GRAND-DUCHÉ DE LUXEMBOURG

Ministère du Développement durable
et des Infrastructures

Département des Transports

L-2938 Luxembourg

SOCIÉTÉ NATIONALE DE
CERTIFICATION ET D'HOMOLOGATION

s.à r.l.

Registre de Commerce: B 27180

L-5201 Sandweiler



Référence: E13*104R00*104R00*0003*02

Annexes: - Rapport technique
- Fiche de renseignements du constructeur

Sandweiler, le 22 juin 2012

COMMUNICATION



concernant 2/: - ~~DELIVRANCE D'UNE HOMOLOGATION~~
concerning 2/: APPROVAL GRANTED
- ~~EXTENSION D'HOMOLOGATION~~
APPROVAL EXTENDED
- ~~REFUS D'HOMOLOGATION~~
APPROVAL REFUSED
- ~~RETRAIT D'HOMOLOGATION~~
APPROVAL WITHDRAWN
- ~~ARRET DEFINITIF DE LA PRODUCTION~~

de marquage rétroréfléchissant pour véhicules lourds et longs et leur remorques, conformément au Règlement N° 104
of retro-reflective markings of heavy and long vehicles and their trailers, pursuant to Regulation N° 104

Numéro d'homologation:
Approval number:

E13*104R00*104R00*0003*02

Marque d'homologation:
Approval mark:

refer to the manufacturer's information document

1. **Nom commercial de marquage
rétrofléchissant:**
Trade name mark of the marking material:

AVERY DENNISON
Konturmark CT Rigid White
Konturmark CT Rigid Yellow
Konturmark CT Rigid Red

Dénomination(s) commerciale(s):
Commercial description(s):

V-6300 series or Konturmark series
V-6300 White or Konturmark CT Rigid White
V-6301 Yellow or Konturmark CT Rigid Yellow
V-6322 Red or Konturmark CT Rigid Red

type: V-6300 series

2. **Classe de matériau de marquage 2/:**
Class of the marking material 2/:

C / ~~D~~ / E

3. **Nom et adresse du fabricant:**
Name and address of the manufacturer:

AVERY DENNISON Reflective Products
6565 W Howard St
Niles IL 60714 (USA)

4. **Le cas échéant, nom et adresse du
représentant du fabricant:**
If applicable, name and address of the manufacturer's
representative:

not applicable

5. **Date à laquelle le matériau de marquage à été soumis aux essais d'homologation:** 19.06.2012
Date on which the marking material was submitted for approval test:
6. **Autorité déléguée:** *Société Nationale de Certification et d'Homologation*
L-5201 Sandweiler
Service technique chargé des essais d'homologation: Luxcontrol SA
B.P. 349
L-4004 Esch-sur-Alzette
Technical service responsible for carrying out the approval tests:
7. **Date du procès-verbal délivré par le service technique:** 19.06.2012
Date of test report issued by the technical service:
8. **Numéro du procès-verbal délivré par le service technique:** LCA 54 0896 004 12
Number of test report issued by the technical service:
9. **Observations:** not applicable
Remarks:
10. **Homologation 2/:** ~~accordée~~ / ~~refusée~~ / étendue / ~~retirée~~
Approval 2/: ~~granted~~ / ~~refused~~ / extended / ~~withdrawn~~
11. **Motif(s) de l'extension d'homologation (le cas échéant):** refer to Annex A, Page 2 of technical report
Reason(s) for the extension (if applicable):

12. **Fait à:** Sandweiler
Place:
13. **Date:** 22 juin 2012
Date:
14. **Signature:**
Signature:

Pour le Département des Transports



Marco FELTES
Inspecteur Principal 1^{er} en rang

Pour la SNCH



Claude LIESCH
Directeur



15. **La liste des documents constituant le dossier d'homologation déposés auprès du service administratif qui a délivré l'homologation, et qui est annexée à la présente communication, peut être obtenue sur demande.**
Annexed is a list of documents making up the approval file, deposited with the competent authority which granted approval; a copy can be obtained on request.

voir "INDEX DU DOSSIER D'HOMOLOGATION" ci-joint / see "INDEX TO TYPE-APPROVAL REPORT"



GRAND-DUCHÉ DE LUXEMBOURG

Ministère du Développement durable
et des Infrastructures
Département des Transports

L-2938 Luxembourg

SOCIÉTÉ NATIONALE DE
CERTIFICATION ET D'HOMOLOGATION

s.à r.l.

Registre de Commerce: B 27180



L-5201 Sandweiler

Référence: E13*104R00*104R00*0003*02

Annexes: - Rapport technique
- Fiche de renseignements du constructeur

Sandweiler, le 22 juin 2012

Index du dossier d'homologation

Index to type-approval report

	Numéro d'homologation: Approval number:	E13*104R00*104R00*0003*02
	Révision: Revision:	00
	Marque de fabrication ou de commerce: Trade name or mark:	AVERY DENNISON
	Type: Type:	V-6300 series
1.	Procès-verbal d'essai: Test report:	N° LCA 54 0896 004 12
	- Technical report:	Pages <u>1 to 6</u>
	- Index to information package:	Annex A, Pages <u>1 & 2</u>
2.	Dossier du constructeur: Report of the manufacturer:	N° --
	- Information folder:	Annex B, Pages <u>1</u> to 11
3.	Autres documents annexés: Other documents annexed:	not applicable
4.	Date de délivrance de l'homologation initiale: Date of issue of initial type approval:	23.12.2011
5.	Date de la dernière délivrance de pages révisées: Date of last issue of revised pages:	not applicable
6.	Date de la dernière délivrance d'une homologation révisée: Date of last extension:	22.06.2012

TECHNICAL REPORT

No.: LCA 54 0896 004 12

Inspection concerning the

**APPROVAL OF RETRO-REFLECTIVE
MARKINGS FOR HEAVY AND LONG
VEHICLES AND THEIR TRAILERS**

performed according to

ECE-Regulation No. 104

Type: **V-6300 series**
Manufacturer: **AVERY DENNISON Reflective Products**
6565 W Howard St
Niles IL 60714 (USA)

Extension 02 to ECE Type Approval no.: E13*104R00*104R00*0003*00

Index:

1. General	Page	2
2. Inspections and their results	Page	3
3. Evaluation of test results	Page	5
4. Statement of compliance	Page	6
5. Annex (beginning with an index)		

A reproduction of this report and its annexes, except in full, is prohibited without the written permission of Luxcontrol s.a.

...

- Luxcontrol SA

1, Av. des Terres Rouges
BP 349
L-4004 Esch-sur-Alzette
LUXEMBOURG

Tél: ++352-54.77.11-1
Fax: ++352-54.77.11-203
E-Mail: info@luxcontrol.com
Int.: www.luxcontrol.com
N ident: LU 113 536 61
RC Lux.: B15664

BGL BNP PARIBAS LUXEMBOURG
IBAN: LU56 0030 1612 0727 0000
BIC: BGLULL
Dexia-BIL
IBAN: LU48 0026 1824 1543 2600
BIC: BILLULL



1. **General**

1.1. **Test Provisions**

The inspection was carried out according to the requirements of the ECE-Regulation No. 104 including Supplement 6 to the 00 series of amendments which entered into force on October 24, 2009.

1.2. **Information concerning the vehicle type and the requested approval**

The statements below apply to the previous ECE type-approval as referred to on page 1.

1.2.1. **[] Numbering according to the communication concerning the approval following ECE-R104.**

[1.] Trade name or mark of the marking material:

Trade mark:
AVERY DENNISON
Konturmark CT Rigid White
Konturmark CT Rigid Yellow
Konturmark CT Rigid Red

Commercial description: V-6300 series or Konturmark series

- V-6300 White or Konturmark CT Rigid White
- V-6301 Yellow or Konturmark CT Rigid Yellow
- V-6322 Red or Konturmark CT Rigid Red

[2.] Class of marking material: **C/D/E**

[3.] Name and address of manufacturer:

AVERY DENNISON Reflective Products
6565 W Howard St
Niles IL 60714 (USA)

[4.] If applicable, name and address of manufacturer's representative:

Not applicable

[5.] Date on which the marking material was submitted for approval test:

19.06.2012

[9.] Remarks:

Not applicable

...



2. Inspections and their results

2.1. Version of the tested vehicle / technical unit / component

Following samples have been used for testing:

V-6300 series

- V-6300 White
- V-6301 Yellow
- V-6322 Red

2.2. Inspection items

	Location of test:	Date of receipt of test item:	Date of test:	Inspector
Main report	Eurolens s.r.l. Via Bergamo, 2 I-20030 Paderno Dugno (MI)	15.12.2011	15.12.2011	P. Vinciarelli
Ext 1	Luxcontrol s.a. I-4004 Esch Alzette	June 2012	04.06.2012	A. Tomasini
Ext 2	Luxcontrol s.a. I-4004 Esch Alzette	June 2012	19.06.2012	A. Tomasini

2.2.1. Markings:

The trade name and other marks are in accordance with the requirements of item 4. of the regulation.

2.2.2. General specifications

The marking material is manufactured so that they function satisfactory and will continue to do so in normal use. It has no defect in design, which is detrimental to their efficient operation or to their maintenance.

The retro-reflective marking material is not to be easily dismantled.

The means of attachment of the marking material is fitted in a durable and stable way.

The retro-reflective marking material is easy to clean, as its surface does not exhibit any roughness or protuberances.

2.2.3. Special specifications

2.2.3.1. Shape and dimensions:

The shape and dimension of the retro-reflective marking material fulfil the requirements set in Annex 5 of the Regulation.

2.2.3.2. Colorimetric specifications:

The retro-reflective marking material can be white, red or yellow colour. Their chromaticity co-ordinates fulfil the requirements set in Annex 6 of the Regulation.

...



2.2.3.3. Photometric specifications:

The photometric specifications of the retro-reflective marking material fulfill the requirements of the minimum value for the coefficient of retro-reflection R' set in table 1 and table 2 of Annex 7 of the Regulation.

2.2.3.4. Resistance to external agents:

The specimen submitted to the tests for resistance to external agents fulfilled the requirements to resistance to weathering, to corrosion, to fuels, to cleaning, to penetration of water set in the Annex 8 of the Regulation satisfactory.

2.2.3.5. Resistance to heat:

The specimen submitted to the tests for resistance to heat showed no distortions or curvatures nor cracking after the test procedure set in the Annex 8 of the Regulation.

2.3. Remark

2.3.1. General

Inspection results are only applicable to items, which have been tested.

2.4. Test facilities

Calibration of measuring and test equipment used to carry out the inspections is in accordance with the EEC-Directive and/or ECE-Regulation stated in 1.1. of this report and with ISO 17025.

Inspectors stated under 2.3. of this report were in charge of performing and/or evaluating the tests.



3. **Evaluation of test results**

3.1. **Variants and components covered**

The tests carried out cover the following variations of the marking material:

- **Retro-reflective marking material colours (white or yellow) as stated in the information document**
- **Commercial names as stated in the information document**

3.2. **Remarks**

3.2.1. **Main report:**

Not applicable.

3.2.2. **Extension 1:**

Added:

- Trade names (Konturmark CT Rigit series)

3.2.3. **Extension 2:**

Deleted:

- Trade names (Konturmark CT Rigit series)

Added:

- Trade names (Konturmark CT Rigid series)



4. **Statement of compliance**

The inspections and measurements carried out have shown the compliance of the device described in this report and the attached Annex with the requirements of the ECE-Regulation No. 104 including Supplement 6 to the 00 series of amendments which entered into force on October 24, 2009.

Esch/Alzette, June 19, 2012

Luxcontrol s.a.
Service Homologation-automobile

Patrizio Vinciarelli
Ingénieur-Inspecteur

Angelo Tomasini
Ingénieur-Inspecteur

Annex



Index to the information package, including a summary in chronological order, concerning extensions and/or amendments

ECE type-approval No.: E13*104R00*104R00*0003*00

Main Report

Technical Report No.: LCA 54 588 002 11 Pages 1 to 5

Composition of the Annex:

A: Index Page 1
B: Information folder Pages 1 to 6

Index to the information folder:

- Manufacturer's information document (pages 1 to 6)
-

Extension 1

Technical Report No.: LCA 54 0896 003 12 Pages 1 to 6

Composition of the Annex:

A: Index Page 1
B: Information folder
 To be deleted all
 To be added Pages 1 to 11

Contents of the extension:

Added:

- Trade names (Konturmark CT Rigit series)

Index to the information folder:

- Manufacturer's information document (pages 1 to 11)
-



Extension 2

Technical Report No.: LCA 54 0896 004 12 Pages 1 to 6

Composition of the Annex:

A: Index Page 1 to 2

B: Information folder
To be replaced page 1

Contents of the extension:

Deleted:

- Trade names and commercial description (Konturmark CT Rigit series)

Added:

- Trade names and commercial description (Konturmark CT Rigid series)

Index to the information folder:

- Manufacturer's information document (pages 1 to 11)
-



Information document No. **EJH-0000-000 concerning the approval of retro-reflective markings for vehicles of CATEGORY M, N AND O**

[] Numbering according to the communication concerning the approval following ECE-R104.

[1.] Trade name or mark of the marking material:

Trade mark:
AVERY DENNISON
Konturmark CT Rigid White
Konturmark CT Rigid Yellow
Konturmark CT Rigid Red

Commercial description: V-6300 series or Konturmark series

- V-6300 White or Konturmark CT Rigid White
- V-6301 Yellow or Konturmark CT Rigid Yellow
- V-6322 Red or Konturmark CT Rigid Red

[2.] Class of marking material: **C/D/E**

[3.] Name and address of manufacturer:

AVERY DENNISON Reflective Products
6565 W Howard St
Niles IL 60714 (USA)

[4.] If applicable, name and address of manufacturer's representative:

Not applicable

[9.] Approval marking:

See Product Data Sheet