Report 729/2026

OEKO-TEX® certification report

Applicant ***Reference***

AG FOIL EUROPE, s.r.o.

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Slovenská republika

Application

Authorization to use the mark „Tested for harmful substances according to OEKO-TEX® STANDARD 100, Appendix 4 product class I."

Test Material

Thermal Transfer Ribbon (AGT85) in colour black for printing labels.

Material used in testing was anonymized for laboratory purposes. A detailed sample list is contained in the report.

Issuing and Signatures

Number of pages contained: 07
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CONTENTS

1 Order

1.1 Chronology

Date	*Received*	*Order*
2026-03-13	2026-03-26	Authorization to use the mark „Tested for harmful substances according to OEKO-TEX® STANDARD 100, Appendix 4, product class I."

1.2 Application for certification

An application with the appropriate OEKO-TEX® application forms was submitted for the article group:

Thermal Transfer Ribbon (AGT85) in colour black for printing labels.

The application is for prolongation **5th** of license number **VUTCH-40.**
A signed declaration of conformity was submitted.

2 Technical evaluation and tests performed

2.1 Certified base material

2.2 Samples

S1	Thermal Transfer Ribbon (AGT85) 043 mm x 030 m OUT, colour: black for printing labels, Lot Nr.:18-26-0317-042R
S2	Thermal Transfer Ribbon (AGT85) 043 mm x 030 m OUT, colour: black for printing labels, Lot Nr.:18-26-0317-044R

2.2.1 Photos

S1	**S2**
	

2.3 Tests

As required in the to OEKO-TEX® STANDARD 100, Appendix 4, p.c. I, the test program is decided by the institute based on the article group, the requested product class and on the technical information given in the application form.

Required tests are carried out according to **OEKO-TEX® STANDARD 100, Appendix 4, p.c.I** and the testing procedure laid down in OEKO-TEX® Standard 201.

Sample S1		
	limit value	determined value
pH value	4,0 – 7,5	5,3
Formaldehyde [mg/kg]		
	n.d.	n.d.
Chlorinated phenols [mg/kg]		
Monochlorphenols (MCP)	0,5	< 0,10
Dichlorphenols (DCP)	0,5	< 0,05

Trichlorophenols (TrCP)	0,2	< 0,10
Tetrachlorophenols (TeCP)	0,05	< 0,05
Pentachlorophenol (PCP)	0,05	< 0,05
Other chemical residues [mg/kg]		
OPP	10	< 1,00
Phenol	20	< 10,00
Resorcinol	1000	< 100,00
Solvent residues [mg/kg]		
2-Pyrrolidone	1000	< 100
DMAc	500	< 100
DMF	500	< 100
Formamide	200	< 100
NEP	1000	< 100
NMP	500	< 100
Other VOCs and glycols [mg/kg]		
Acetophenone	10,0	< 1,00
Benzene	1,0	< 1,00
Bis(2-methoxyethyl)eter	10,0	< 1,00
Cyclohexanone	10,0	< 1,00
1,2-Diethoxyethane	10,0	< 1,00
1,4-Dioxane	10,0	< 1,00
2-Ethoxyethanol	10,0	< 1,00
2-Ethoxyethylacetate	10,0	< 1,00
Ethylbenzene	10,0	< 1,00
Ethylene glycol dimethyl ether	10,0	< 1,00
Methylethylketone	10,0	9,06
2-Methoxy-1-propanol	10,0	< 1,00
2-Methoxyethanol	10,0	< 1,00
2-Methoxyethylacetate	10,0	< 1,00
2-Methoxypropylacetate	10,0	< 1,00
2-Phenyl-2-propanole	10,0	< 1,00
Styrene	10,0	< 1,00
Toluene	10,0	3,18
1,2,3-Trichloropropane	10,0	< 1,00
Triethylene glycol dimethyl ether	10,0	< 1,00
Xylene	10,0	< 1,00
Cresols [mg/kg]		
o-Cresol	10,0	< 1,00
m-Cresol	10,0	< 1,00
p-Cresol	10,0	< 1,00
Chlorinated solvents [mg/kg]		

Dichlormethane	1,0	< 0,5
Chloroform (Trichlormethane)	1,0	< 0,5
Tetrachlormethane	1,0	< 0,5
1,1-Dichloroethane	1,0	< 0,5
1,2-Dichloroethane	1,0	< 0,5
1,1,1-Trichloroethane	1,0	< 0,5
1,1,2-Trichloroethane	1,0	< 0,5
1,1,1,2-Tetrachloroethane	1,0	< 0,5
1,1,2,2- Tetrachloroethane	1,0	< 0,5
Pentachlorethane	1,0	< 0,5
1,1-Dichloroethylene	1,0	< 0,5
1,2-Dichloroethylene	1,0	< 0,5
Trichloroethylene	1,0	< 0,5
Tetra(per)chloroethylene	1,0	< 0,5
Sum of the chlorinated solvents	5,0	< 5,00

Sample S2		
	limit value	determined value
Extractable (heavy) metals [mg/kg]		
Arsenic (As)	0,2	< 0,05
Barium (Ba)	1000	< 5,00
Cadmium (Cd)	0,1	< 0,05
Cobalt (Co)	1,0	< 0,05
Chromium (Cr)	1,0	< 0,05
Copper (Cu)	25,0	< 2,50
Mercury (Hg)	0,02	< 0,01
Nikel (Ni)	1,0	< 0,05
Lead (Pb)	0,2	< 0,05
Antimony (Sb)	30,0	< 5,00
Selenium (Se)	100	< 5,00
Heavy metals total content [mg/kg]		
Arsenic (As)	100	< 5,00
Cadmium (Cd)	40,0	< 5,00
Mercury (Hg)	0,5	< 0,100
Lead (Pb)	90,0	< 5,00
Plasticizer/ Phthalates [mg/kg]		
Sum	500	< 100
Bisphenols [mg/kg]		
Bisphenol A	10	< 5
Bisphenol B	1000	< 10

Bisphenol AF	1000	< 10
Bisphenol F	1000	< 10
Bisphenol S	1000	< 10
2,2´-Methylene bis(4-methyl-6-tert-butylphenol) DBMC	1000	< 50
Bis(4-chlorophenyl)sulphone DCDPS	1000	< 50
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide TPO [mg/kg]	1000	< 50
Bis-(a,a-dimethylbenzyl)-peroxide	1000	< 50
Other chemical residues [mg/kg]		
TCEP	10	< 10
Surfactant, wetting agent residues, alkyl phenols [mg/kg]		
BP, OP, NP, HpP, PeP, sum	10,0	< 3
BP, OP, NP, HpP, PeP, OP(EO), NP(EO), sum	100,0	< 10
Siloxanes [mg/kg]		
Octamethylcyclotetrasiloxane (D4)	1000	< 100
Decamethylcyclopentasiloxane (D5)	1000	< 100
Dodecamethylcyclohexasiloxane (D6)	1000	< 100
Octamethyltrisiloxane L3	1000	< 100
Decamethyltetrasiloxane L4	1000	< 100
1,1,1,3,5,5,5-Heptameethyl-3-[(trimethylsilyl)oxy]trisiloxane	1000	< 100
Tris(2-methoxyethoxy)vinylsilane	1000	< 100
Determination of odours		
General	no abnormal odour	no abnormal odour

No further tests have been necessary.

3 Conclusion

The test results and the documents provided show that the requested article group can be certified according to **OEKO-TEX® STANDARD 100, Appendix 4, product class I.** This test report does not replace the certificate.

According to OEKO-TEX® regulations the authorization will be valid till **2027-04-30.**

The use of the label is only permitted based on a valid certificate and according to the regulations in the OEKO-TEX® STANDARD 100. Particularly the use of the label is only permitted during the certification period for articles in the certified article group compliant with the limiting values. The label must bear the license number and

control name of the institute given on the certificate. Furthermore, the use of the OEKO-TEX® mark is only allowed after full settlement of invoices for testing fees and certification costs.

4 Remarks

Sample Material

Results of performed tests only refer to the sample material provided.
Without explicit written other agreement testing is destructive and the sample material is transferred to the property of VUTCH, which is entitled to freely decide on storage and disposal.

Quality management and accreditations

All tests and services are performed under a quality management system according to EN ISO 17025.
VUTCH is accredited by several organizations for various tests offered. It is also Notified Body for several directives with the registration number 3020 (see EUROPA – European Commission – Growth – Regulatory policy - SMCS).
Details and other accreditations are given on request and can be found on www.vutch.sk.

End of report