KORNIT DIGITAL CERTIFICATIONS

Sergio Brandriss, Ph.D.
Chemist
Chemistry Regulations Principal

- May 2023

Kornit Digital
bonding matters

KORNIT DIGITAL

SUSTAINABILITY AND ECO-EFFICIENCY

We think big. We think bold. We're fueled by a determination to innovate with imagination, all while contributing to a better, more sustainable world.

Kornit Digital, the leader of innovation FashionTech, develops a suite of hardware and software solutions for on-demand sustainable production for the garment, apparel and textile industries.

Spanning the globe with 6 locations in Europe, Asia and North America and serving customers in more than 100 countries and states worldwide, Kornit's solutions, services, and actions create a ripple effect of eco-forward change.

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ECO-FRIENDLY CHEMISTRY

Kornit Digital recognized from its beginning the digital printing as the safer, healthier and environmental-friendly option on the field of the textile printing

Print on Demand

The organic pigments chemistry was chosen, even its technological challenge; as the most environmentally friendly.

The decision to turn to water-based inks in 2005 was aligned with this understanding.

The Ink and Auxiliaries formulations are constantly tracked to avoid and reduce classified chemicals.

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KORNIT A TRADITION ON CERTIFICATIONS

Kornit Digital has a long tradition of apply and certify for the industry standards:

THE OEKO-TEX:

At the beginning to the well-known Standard 100, and after the diversification of standards to - the Ecopassport as the eligible to the Chemicals manufacture for the industry

GOTS:

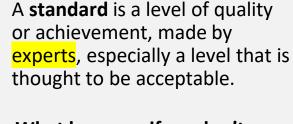Kornit certifies about a decade for the GOTS approved list of inputs

REGULATIONS AND STANDARDS

Regulations are rules made by a government or other authority in order to control the way something is done, or the way people behave.

What happens if we don't comply?

• Legal demands, Official penalties,

• cancelation of operation permits, jail?,

• Fines

A **standard** is a level of quality or achievement, made by experts, especially a level that is thought to be acceptable.

What happens if we don't comply?

• Market loss, prestige loss

Why to certify for standards?

• Positioning, Prestige

• Customer Confidence

• Confidentiality

KORNIT-DIGITAL – STANDARDS CERTIFICATIONS

CHEMICALS BANNED OR RESTRICTED

PFAS | Phthalates | Aldehydes

Alkoxy phenol and ethoxylates (AP & APEO)

Heavy metals | Chlorinated and Brominated species

CMR and allergenic colorants | Nitrosamines

More and more …….

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ACTUAL CERTIFICATIONS

OEKO TEX®

Ecopassport certification

Ø ZDHC

Level 3 for the Israeli production - ZDHC Gateway

GLOBAL ORGANIC TEXTILE STANDARD · GOTS ·

STD 6.0 – will start in the coming months to renew for STD 7.0

bluesign®

Partner since August 2022, with 33 products registered

VEGAN FRIENDLY

Eurofins lab test + Vegan Friendly certification

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OEKO-TEX

ECOPASSPORT - CERTIFICATIONS

GOTS CERTIFICATIONS

The GOTS 6.0 standard was published in March 2021

The standard is valid until March 2024

GOTS 7.0 was published in March 2023

Kornit plans the transition to the new standard for June – July 2023

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ECOCERT GROUP

LETTER OF APPROVAL
for Colourants / Textile Auxiliaries
No. GOTS-ECOCERT-08-00687

ECOCERT GREENLIFE declares that the
Colourants / Textile Auxiliaries listed below have been evaluated and assessed for

Kornit-Digital Ltd.
12 Ha'Amal St. / Rosh-Ha'Ayin (IL)

on basis of information requested and provided
according to the applicable criteria of the

Global Organic Textile Standard (GOTS) - Version 6.0

Accordingly the listed Colourants and/or Textile Auxiliaries are approved for use as inputs
for application in the processing of GOTS certified textile products.

The formulator shall undergo an on-site audit for product stewardship as well as
environment, health & safety requirements of GOTS Standard before 1st July 2022.

This Letter of Approval is valid until a new GOTS version is implemented.

ECOCERT GREENLIFE
Issued in: L'Isle Jourdain
09-Feb-2022
Emilie Cherhal

ECOCERT Greenlife
BP 47 - 32 600 L'ISLE JOURDAIN
Tél. 05 62 07 51 09
Fax 05 62 07 74 96
N° Siret 509 534 095 000 1

This letter of approval replaces any previous issue(s).

The issuing body can withdraw this letter of approval before it expires if the declared approval is no longer guaranteed.
The company for which the inputs have been assessed remains responsible for the correctness and completeness of the provided
data as well as for the continued compliance with the applicable criteria of GOTS. Relevant information on any of the approved inputs,
of which knowledge has been obtained after this approval letter has been issued, must be forwarded to the issuing body without
delay.

Accredited by: COFRAC, Accreditation N° 5-0520, Products and Services certification, scope available on www.cofrac.fr

This electronically issued document is the valid original version.

Letter of Approval no. GOTS-ECOCERT-08-00687
for Kornit-Digital Ltd.

ECOCERT GROUP

Table(s) Appendix listing the GOTS approved inputs

Auxiliaries: Fixing

#	Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
Kornit NeoPigment Eco-Rapid						
1	Kornit Eco-Fix fixation solution	Fixing	2020-06-05	2020-02-17		
2	Kornit Q.fix solution	Fixing	2021-09-06	2021-04-27		

Auxiliaries: Ink Jet Printing

#	Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
3	FOF Inline Fixation Agent 50-WBFA-0400	Ink Jet Printing	2020-06-09	2020-03-17	formerly "Kornit Allegro Fixation Agent 50-WBFA-0400"	
4	Kornit NeoPigment Olympia Poly Enhancer	Ink Jet Printing	2021-06-10	2019-01-31		
Kornit NeoPigment Eco-Rapid						
5	Intensifier for Eco-Rapid	Ink Jet Printing Fixing	2021-08-27	2020-12-03		
Kornit NeoPigment Olympia						
6	Q.fix Poly	Ink Jet Printing	2022-02-09	2022-01-11	jetted fixation solution	
Maintenance						
7	flushing fluid	Ink Jet Printing	2021-08-27	2019-12-18		
8	priming fluid	Ink Jet Printing	2021-08-27	2019-12-18		
9	wiping fluid	Ink Jet Printing	2021-08-27	2019-12-18		

Auxiliaries: Pigment Printing

#	Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
10	Kornit Fixation Agent	Pigment Printing	2021-06-10	2020-01-07		
11	Kornit Odorless Fixation Agent	Pigment Printing	2021-06-11	2017-06-27		
_Neopigment Intenso						
12	Kornit Fixation Agent for NeoPigment™ Intenso Ink	Pigment Printing	2021-06-10	2020-03-17	Previousely Kornit Allegro Fixation Agent 50-WBFA-0400	

Colourants: Ink for Digital Printing

#	Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
22	NeoPigment Water Based Color Ink Black V223/V323	Ink for Digital Printing	2021-04-13	2020-05-13		
23	NeoPigment Water Based Ink Cyan V223/V323	Ink for Digital Printing	2021-04-13	2020-05-13	Cu 0.2%	4)
24	NeoPigment Water Based Ink Green V323	Ink for Digital Printing	2021-04-13	2020-05-13	Cu <0.1% AOX <1.0%	4) 15)
25	NeoPigment Water Based Ink Magenta V223/V323	Ink for Digital Printing	2021-04-13	2020-05-13		
26	NeoPigment Water Based Ink Red V323	Ink for Digital Printing	2021-04-13	2020-05-13	AOX <0.5%	15)
27	NeoPigment Water Based Ink Yellow V323	Ink for Digital Printing	2021-04-13	2020-05-13		
Kornit NeoPigment Eco-Rapid						
28	Kornit NeoPigment Eco-Rapid Black ink	Ink for Digital Printing	2021-02-16	2021-01-06		
29	Kornit NeoPigment Eco-Rapid Cyan ink	Ink for Digital Printing	2021-02-16	2021-01-06	Cu <1.0%	4)
30	Kornit NeoPigment Eco-Rapid Green ink	Ink for Digital Printing	2021-02-17	2020-03-14	Cu 0.1%, AOX 1.5%	4) 15)
31	Kornit NeoPigment Eco-Rapid Magenta ink	Ink for Digital Printing	2021-02-17	2021-01-04		
32	Kornit NeoPigment Eco-Rapid Red ink	Ink for Digital Printing	2021-02-17	2021-01-05	AOX 0.7%	15)
33	Kornit NeoPigment Eco-Rapid White ink	Ink for Digital Printing	2021-02-17	2020-12-17		
34	Kornit NeoPigment Eco-Rapid Yellow ink	Ink for Digital Printing	2021-02-17	2021-01-05		
Kornit NeoPigment Olympia						
35	Kornit NeoPigment Olympia Black	Ink for Digital Printing	2021-06-10	2019-01-31		

TVA Intracommunautaire n° FR 55 509 534 095
CREDIT MUTUEL 2200 20246201 29 - SIREN 509 534 095 RCS AUCH - APE 7120B

Letter of Approval no. GOTS-ECOCERT-08-00687
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#	Trade Name of Input	Type/Utilisation	Date of Approval	Date of MSDS	Comments	Restrictions
36	Kornit NeoPigment Olympia Cyan	Ink for Digital Printing	2021-06-10	2019-01-31	Cu 0.5%	4)
37	Kornit NeoPigment Olympia Magenta	Ink for Digital Printing	2021-06-10	2019-01-31		
38	Kornit NeoPigment Olympia White	Ink for Digital Printing	2021-06-10	2019-01-31		

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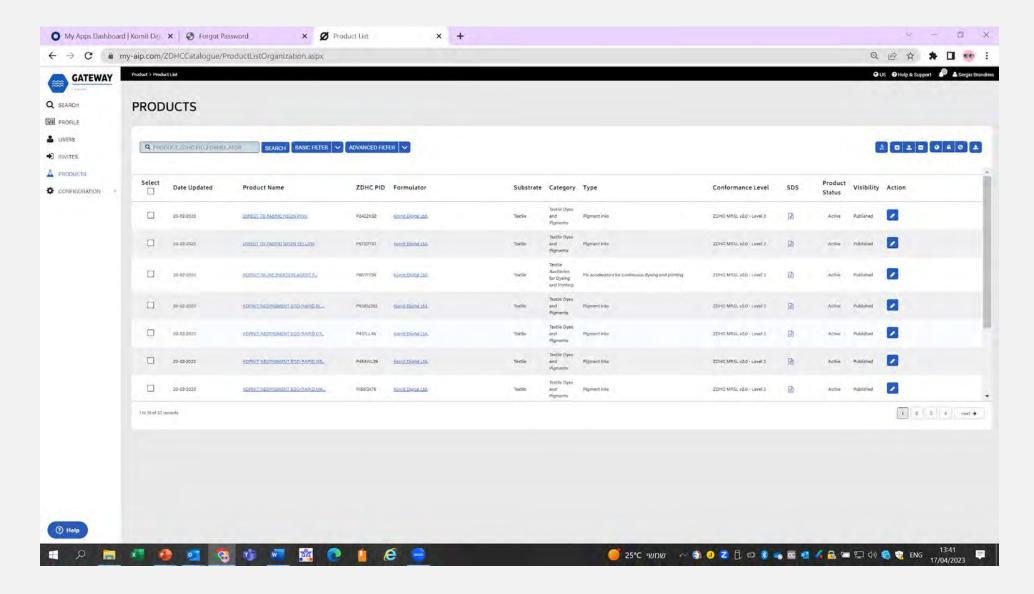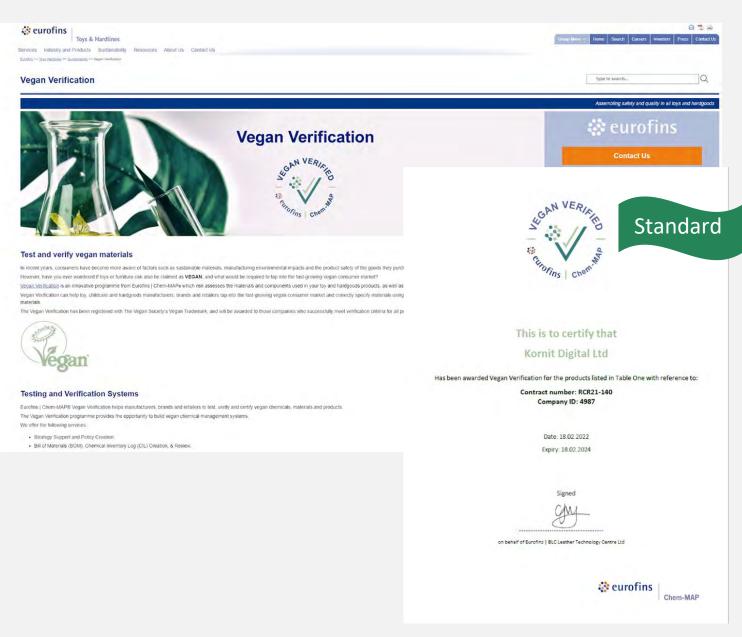
BLUESIGN

ZDHC - GATEWAY

VEGAN CERTIFICATIONS

ISO (INTERNATIONAL STANDARDS ORGANIZATION)

ISO Certifications

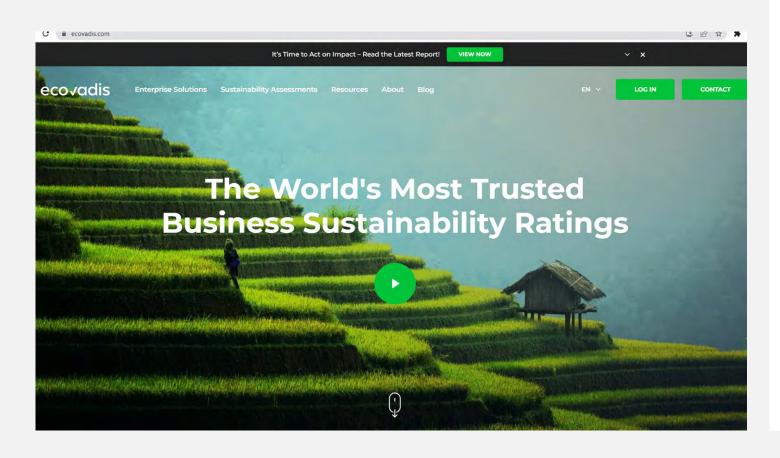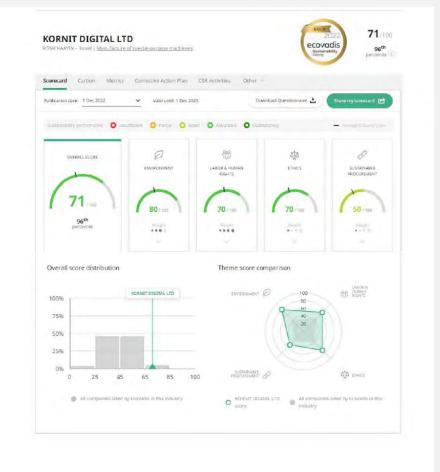|		
ISO 9001:2015	Quality Management System	Valid until March 2025
ISO 14001: 2015	Environmental Management System	Valid until November 2024
ISO 45001:2018	Occupational Health and Safety Management System	Valid until November 2024

Standard

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SUSTAINABILITY RATINGS

Eco Vadis

SELF- DECLARATIONS

And more...

WHAT ALL THESE CERTIFICATIONS MEANS?

The certifications demonstrate the basic claims of Kornit Digital for product safety and are the basis for the Sustainable fashion production that Kornit Digital wants to lead

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THERE WOULD BE MORE CERTIFICATIONS IN THE FUTURE?

Most of the certifications entities advance to tighten standards that start to look very similar and all of them set for onsite audits.

I would expect for cross-recognitions between certification bodies and acceptance of those as 3rd party declarations of compliance

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PRESENTER

Sergio Brandriss

Sergio.brandriss@kornit.com

Ph.D. in Chemistry, MBA, and lot more to learn

7+ years working for Kornit Digital
- R&D chemistry, auxiliaries' development
- Chemical Regulation desk leader

20+ years working for HP Indigo division

- R&D chemist, Inks and auxiliaries, printing substrates certifications (paper, films, cardboards, polymeric boards, etc.)

- Development of printed applications, Industrial markets, labels, etc.

- Support to customers in pre- and post-printing challenges (primers, varnishes, finish, etc)

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TNX

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