

Declaration of conformity

This declaration of conformity concerns all ATS plastic banding films which are used and processed in ATS-Tanner **Ultra Sonic** banding machines. The corresponding article numbers for our unprinted films are listed at the end of this declaration.

Food conformity

According to the best knowledge of the whole supply chain we can confirm the compliance with the frame regulation **1935/2004** "on materials and articles intended to come into contact with food and repealing directives 80/590/EEC and 89/109/EEC", as well as the compliance with the regulation **2023/2006** "on good manufacturing practice for materials and articles intended to come into contact with food", for all polymers and additives intentionally used for the production of our products.

The materials used for the production of the films comply with the German **Bedarfsgegenständeverordnung dated 23.12.1997** including the amendments of April 3rd 2024, as well as the German **BfR-Empfehlungen A VII Polypropylen**, dated June 1st 2019 and **III Polyethylene**, dated April 1st 2021.

The used polymer raw materials also comply with the restrictions of the **FDA, CFR Title 21** (2008), §§ 177.1520 "Olefin Polymers" Specification (c) 3.2 a, for the conditions of use according to 21 CFR § 176.170 (c) conditions B – H (table 2) for foodstuffs stated in table 1 categories I – IX.

In all FWG and FWGS films are additives incorporated that partly consist of substances, which are specified GRAS (General Recognized As Safe).

The used polymer materials comply with the **Swiss restriction of the EDI on Consumer Goods** dated 23.11.2005, version 01.05.2011 as well as the EC restriction 10/2011/EC "relating to plastic materials and articles intended to come into contact with foodstuffs", including all amendments through 2023/1627/EU. Please note that amendment 2023/1442/EU is subject to a transition period until February 1st 2025.

Depending on the manufacturing process the raw materials may contain substances that are subject to a **Specific Migration Limit**. These are the usual antioxidants, stearates, residues from the catalyst system or processing aids, incorporated during the polymerisation process. In detail the following substances:

- Ref.-No. 14020; SML 0,05 mg/kg
- Ref.-No. 24550 and Ref.-No. 89040 that are to consider within the OML
- Ref.-No. 39090, SML 1,2 mg/kg
- Ref.-No. 39815, SML 0,05 mg/kg
- Ref.-No. 55910, SML 60 mg/kg for the sum of substances No. 32 Table 2
- Ref.-No. 68320, SML 6 mg/kg
- Ref.-No. 71680 und Ref.-No. 74240 that are to consider within the OML
- Ref.-No. 74880 SML 0,3 mg/kg (traces of the substances **DBP** and **DIBP** in concentration less 25 ppm can't be excluded)
- Ref.-Nr. 95360, SML 5 mg/kg
- Ref.-Nr. 13380/25600/94960, SML 6 mg/kg
- Aluminium SML 1 mg/kg
- Zinc SML 5 mg/kg
- Natrium concentration in the product < 4000 mg/kg (only for FWG and FWGS)
- Magnesium concentration in the product < 200 mg/kg (only for FWG and FWGS)

Even in worst case calculations, performed on substances whose concentration is known, these substances will not exceed the given specific migration limits. Based on individual measurements that are carried out randomly on different products, the global migration limit will not be exceeded.

Allergens according to the regulation **1169/2011/EU Annex II** are neither part of the formulation, nor are they used in the production process of our film supplier.

Neither in the manufacturing process of the raw materials, nor the one of the implemented additives and pigments Silicone is used as an ingredient or intentionally added.

The polymers used are listed in the French **Brochure N° 1227** "*Matériaux au contact des aliments et denrées destinées à l'alimentation humaine*".

Dual Use Additives that are subject to a limitation in foodstuffs are not part of the film formulation. The Dual Use Additives **E 470a** or **E 572**, **E 471** and **E 553b** may be present in our films, depending on the incorporated raw materials. These substances are not subject to a limitation in terms of direct contact with foodstuffs. In addition the Dual Use additive **E 475** that is subject to a limitation of 2000 ppm is present in the ATS products. The concentration of E 475 incorporated is << 2000 ppm. The incorporated stearates may derive from **animal origin**. The synthesis of these stearates complies with the directives **1069/2009/EU** and **142/2011/EU**. Therefore, any risk of a BSE/TSE contamination can be excluded.

MOSH/POSH and **MOAH** classified substances are neither part of the formulation, nor incorporated during production. For Polyolefin films, no specific migration limit is specified yet. MOAH and MOSH/POSH are subject to the global migration limit of 10 mg/dm. Limits are being discussed in the range of 12 mg/kg for C10 to C16 substances as well as 4 mg/kg for >C16 till C20 MOSH/POSH substances. For MOAH substances no specific migration should be detectable.

According to best knowledge, no contamination of foodstuffs by virgin PP films has been reported. Therefore, a contamination because of our articles is regarded extremely unlikely.

Following substances listed in the **California Proposition 65** (December 29th, 2023) are incorporated in the ATS-films with the stated maximum concentration:

- DEHP (CAS 117-81-7) <10 ppm
- DBP (CAS 84-74-2) <10 ppm

With said concentration the substances are not exceeding the given threshold.

Nanomaterials respectively nano size particles are not intentionally incorporated in our films. Any fraction of nano scale materials like pigments, that can't be avoided in the pigment manufacturing process will be firmly anchored within the polymer matrix, having no risk of release to the environment.

Substances of **genetically modified origin (GMO)** are neither used in direct contact with our products nor incorporated or intentionally added in the recipe of our products.

1.1 Restrictions for coloured films

Pigments in general are exempted from the regulation 10/2011/EG, therefore we can only confirm the compliance with the frame regulation 1935/2004 "*on materials and articles intended to come into contact with food and repealing directives 80/590/EEC and 89/109/EEC*", as well as the compliance with the regulation **2023/2006** "*on good manufacturing practice for materials and articles intended to come into contact with food*".

Following the recommendations IX and XLVII of the “*Bundesinstitut für Risikobewertung*” and the European Resolution **AP(89)1** there are no restrictions in using a colour pigment for the colouring of films intended to come into contact with foodstuffs. Tests must be performed according to the real contact conditions with the final product.

The coloured articles are subject to additional SML limitations according to 10/2011/EC:

Colour blue 400/05/22

- Ref.-No. 68320 SML 6 mg/kg
- Ref.-No. 94560 SML 5 mg/kg
- Copper, SML 5 mg/kg overall

The used pigments comply with guidelines of the FDA, CFR Title 21 (2008) and §§ 178.3297, conditions of use A including H of 21CFR, § 176.170(c).

Colour green 520/10/80

- Ref.-No. 68320 SML 6 mg/kg
- Ref.-No. 46880 SML 6 mg/kg
- Ref.-No. 77708 SML 1,8 mg/kg
- Iron, SML 48 mg/kg overall
- Copper, SML 5 mg/kg overall

The used pigment preparation is not compliant with FDA regulation.

Colour royalblue F 42/40/31

- Ref.-No. 46880 SML 6 mg/kg

The used pigment preparation is not compliant with FDA regulation.

Colour yellow 200/10/31

- Ref.-No. 68320 SML 6 mg/kg

The used pigments comply with guidelines of the FDA, CFR Title 21 (2008) and §§ 178.3297, conditions of use B including G of 21CFR, § 176.170(c).

Colour black F 75/50/07

- Primary aromatic amines (except 10/2011/EU Annex I Table I) SML 0.01 mg/kg.

The used pigments comply with guidelines of the FDA, CFR Title 21 (2008) and §§ 178.3297.

Colour red 311/12/20

- Ref.-No. 95360 SML 5 mg/kg

The used pigments comply with guidelines of the FDA, CFR Title 21 (2008) and §§ 178.3297, conditions of use B including H of 21CFR, § 176.170(c).

1.2 Additional restrictions for our ATS products

FSW-Film

For our FSW-films also the additional SML of 5 mg/kg foodstuff for the substance with the PM.-Ref.-No. 47500 has to be considered. In a worst-case calculation this threshold will not be exceeded in any of our articles according to best knowledge.

FSWG-Film

The substance with the PM-Ref. No. 38800, subject to a SML of 15 mg/kg, is additionally incorporated. This specific migration limit may be exceeded for contact conditions with fatty foodstuffs respectively simulants. Due to the structure of the film and the substance itself the migration is suppressed.

FWG(S)-Film

Dual Use Additives that are subject to limitation in foodstuffs are not part of the formula. Our FWG- and FWGS-films may contain traces of the Dual Use Additives E331 and E500 that have not reacted completely during processing. According to the ZZuV "Verordnung über die Zulassung von Zusatzstoffen zu Lebensmitteln zu technologischen Zwecken" Attachment 4 Part A, these substances are in generally approved for foodstuffs, just certain foodstuffs categories are exempted.

1.3 Customised-printed films

This section of the confirmation **only concerns the inks and varnishes**, used for printing job which are printed on ATS banding films.

Example printing job/order:

<i>Article-No.</i>	<i>Description</i>	<i>Format/Size</i>	<i>Material type</i>	<i>Print</i>
001L.000.0000	ATS-Bio-Rhabarber 500g Job-No. 123456	29mm x 600m	FWG17030600	3-colours

The product is composed by following components	<u>unprinted side always to the packaged good</u>
• MOPP-film (white/transparent/foamed)	ATS-print substrate (film)
• UV-Flexo colours LM, 2,5-3,0 g/m ²	low-migration printing inks

Direct contact food to printing inks is not given or provided and not permitted.

The ATS-preprinted banding film does not contain any ingredients which are suitable

- to endanger human health.
- to bring about an unacceptable change in the composition of foodstuffs.
- to cause an impairment of the organoleptic properties of the food.

According to our printing company, we can also confirm that the used printing inks/varnishes/adhesives do not contain any Isopropylthioxanthone (ITX), Benzophenone, 4-Methylbenzophenone.

We confirm that the **printing inks** complies with the Packaging Act, in particular the substance restrictions contained therein, according to Art. 5: Prohibition of Pb, Hg, Cd, Cr6. Neither printing inks, varnishes nor composite adhesives used contain the prohibited substances mentioned.

Our printer also works in addition in compliance with the following standards:

SR.817.023.21	Schw. Bedarfsgegenständeverordnung
(EU) 1183/2012	Amendment and correction of the VO (EU) 10/2011
(EG) 1895/2005	Restriction of use Epoxy derivatives
Nestlé-Guidance 10.2018	Printing inks for packaging and materials with food contact
(EG) 178/2002	Principles + requirements of food law
Certificates	ISO 9001/2015 + BRC-GS Packaging

REACH Declaration

Following the EC directive **94/62/EC** and the French decree **98-638**, the total content of the heavy metals, Cd, Pb, Hg and Cr^{VI} is not exceeding the threshold of 100 ppm. We also confirm the compliance with the new ROHS directive **2011/65/EU** "on the restriction of the use of certain hazardous substances in electrical and electronic equipment", including all amendments through **2023/171/EU** as well the amending Directive **2015/863/EU**, and the directive **2000/53/EC** on "the end-of life vehicles". Neither in the production process of the raw materials, nor in its processing during the film production Polycyclic Aromatic Hydrocarbon Substances (PAH) are incorporated or intentionally used. Our products comply with the restriction **1272/2013/EU**, an amendment of restriction 1907/2006/EC.

We certify that neither we, our supplier nor the sub-suppliers are using any material derived from "**conflict minerals**" from the Democratic Republic of Congo or an adjoining country falling under Section 1502 of the US "**Wall Street Reform and Consumer Protection Act**" (H.R. 4173), also known as "**Dodd-Frank Act**", during the production process. The following four minerals and their derivatives are designated as "**conflict minerals**" by the Secretary of State: columbite-tantalite (coltan, niobium, tantalum), cassiterite (tin), wolframite (tungsten) and gold. The specification of conflict minerals as stated in **EU directive 2017/821** is covering then same subject.

Persistent Organic Pollutants (POPs) according to regulation **2019/1021/EU** including all amendments through **2023/1608/EU** are not intentionally used or incorporated during the production of the delivered article.

We do confirm that substances as stated in directive **1005/2009/EC**, including all amendments through **2017/605/EC** and the **Montreal protocol 2000** Annex A Group I+II, Annex B Group I to III and Annex C Group I to III, which leads to the decomposition of the ozone layer, are neither part of the recipe of the products nor intentionally used or incorporated in our products.

Our banding films are not classified as hazardous in accordance with **Directive 1907/2006/EC** "concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals" (REACH) including all amendments up to **2023/2482/EU**, and Regulation **1272/2008/EC** "on Classification, Labelling and Packaging of Substances and Mixtures" (CLP), as revised on 27/12/2022.

We do confirm that substances as stated in **Annex XVII** of directive **1907/2006/EC**, including all amendments through **2023/2055/EU** are, as far as applicable and not regulated by other specific directives or regulations, not intentionally used or incorporated in our products, exceeding the given thresholds and limitations. In addition our supplier states that substances listed in **Annex XIV** up to amendment **2022/586/EU**, that are present in form of **NIAS**, in this case as residues from the PP catalyst system, are registered for the intended use in the polymerization of PP. These substances will neither exceed the threshold of 0,1% that is applicable

for SVHC substances, nor any threshold legally applicable for our products in the intended use disclosed to us.

As so called downstream user we are obliged to inform you about the presence of **Substances of Very High Concern (SVHC)** which exceed a threshold of 0,1% by weight. The **European Chemicals Agency (ECHA)** updated the candidate list on June 27th 2024. The actual list can be reviewed at:

<https://echa.europa.eu/candidate-list-table>

We confirm that neither in their manufacturing process, nor in the manufacturing process of the direct raw material suppliers, **SVHC** classified substances are used or intentionally incorporated. According to the available data Substances of Very High Concern are not present in our products. Ubiquitous traces of substances of concern however can never be completely excluded.

Please note that our film products are classified as articles, according to **1907/2006/EC**, which do not have to be registered. The raw materials our supplier uses are classified as polymers. Stabilizers and additives used for the production of the polymers also are exempt from registration. The monomers have registered.

The US **TSCA** section 6 lists five substances which are classified hazardous, depending on the use case respectively application they are used in:

- 2,4,6-Tri-tert-butylphenol
- Decabromdiphenylether (DecaBDE)
- Hexachlorbuta-1,3-dien
- Pentachlorbenzolthiol
- Isopropylphenylphthalat

The different use cases are defined through specific **NAICS** codes. For our products the NAICS code 32611 is applicable. An application with this code is just listed for DecaBDE. As DecaBDE is already governed by the POP restriction as well as the REACH / SVHC regulation, we can clearly state that DecaBDE is not part of the film recipe, and not intentionally added in our products.

We and our suppliers do not intentionally add or incorporate **PFAS** classified substances in the products. To give a full picture of the actual PFAS discussion, we need to inform you that our film producers may use Fluoropolymers in its production equipment for functional parts. However, a contamination with PFAS substances is not expected.

According to the information of our material supplier and based on the available data, we can confirm that substances of concern, if any, will not exceed the relevant cut off limits. Ubiquitous traces of undesired substances can never be completely excluded. An analytical control of possible contaminations is not part of our quality control.

Recyclability

According to the REACH regulation 1907/2006/EU, including all amendments through the regulation 2023/2482/EU, and the regulation CLP 1272/2008/EU, through the amendments up to 2023/1434/EU and well as the guidance for identification and naming of substances under REACH and CLP (01.06.2017), are all our films with the exception of FWGS classified **mono-constituent substances**.

All substances and mixtures of substances, that have a main constituent at concentrations $\geq 80\%$ and that are not classified as composite materials (plastics/paper, paper/metal or paper/plastics/metal) are identified as **mono-constituent** substances.

Following directives 94/62/EG and 97/129/EG, this is the applicable labelling for our films:

Films	Product-Code	Identification
PP-Banding films	FTN, FTN-R35, FTND, FWG, FSW, as well as all colored banding films	
HDPE-Banding films	PEH	
Sepecial Banding films	FWGS	

According to the film manufacturer our films comply with the below listed standards:

- **DIN EN 13428:2004** - Concentration of Heavy Metals <100 ppm is fulfilled
(analogical to 94/62/EG and ROHS 2011/65/EU including amendment 2015/863/EU)
- **DIN EN 13430:2004** - Given Recyclability (Mono-constituent material)
In case of FWGS recyclability is given via the newly developed process on chemical recycling for the circular economy.
- **DIN EN 13431:2004** - Compliant with the requirements for energy recovery
The specific energy gain in the thermal utilization is equal to 24 MJ/kg for PP, and 22 MJ/kg for HDPE; the minimum target is 11 MJ/kg.

On behalf of our film producer, we would like to point out, that the existing collection streams for flexible packaging are quite limited. With the exception of LDPE-films, there are no other separated collection streams and circuits existing. In general, the waste disposal of all other flexible packaging is within the fraction of the mixed plastics. In the newest high-tech recycling units this fraction is segregated into single-variety streams which are recycled to mono-constituent material streams. The remaining fraction either finds its way to the energy recovery or to the newly developed chemical recycling.

Final remark

We refer to the available information disclosed by the whole supply chain. Ubiquitous traces of undesired substances can never be completely excluded. An analytical control of possible contaminations is not part of our supplier's quality control. Worst-Case calculations and single screenings using the appropriate food simulants are the basis for the risk assessments on the single products that enable us to evaluate the hazards arising from the migration of substances of concern into the foodstuff. A final statement can only be given after evaluating the migration according to the real foodstuffs and contact conditions of the final packaging. This declaration may not be regarded as a guarantee that the ATS-products are suitable for a specific application. We, as ATS, do not have an all-embracing knowledge of the further processing steps during conversion and within the application, it is within the responsibility of the end user to release the product for the intended application.

This declaration replaces all previous declarations regarding the food contact and is valid until the issue of a new statement, longest however until August 31st, 2025.

The declaration of conformity concerns the following articles:

The article no. of the printed films differs from the unprinted films only with an additional "D" (for "print") at the end of the article

Reference-no.	Colour	Food contact / FDA-conform
FTN100xx	natur	Yes
FTN110xx	natur	Yes
FTN125xx	natur	Yes
FTN135xx	natur	Yes
FTNR125xx	red 311/12/20	Yes
FTNB135xx	blue 400/05/22	Yes
FTN140xx	natur	Yes
FTNGR135xx	green 520/10/18	No
FTNG135xx	yellow 200/10/31	Yes
FWG125xx	natur	Yes
FWG135xx	natur	Yes
FWG170xx	natur	Yes
FWG170xxC12	royalblue F42/40/31	No
FWG170xxC26	black F75/50/07	Yes
FWG170xx	natur	Yes
FWG210xx	natur	Yes
FWGS170xx	natur	Yes
PEH85xx	natur	Yes
PEH100xx	natur	Yes
FSW110xx	natur	Yes
FSW125xx	natur	Yes
FSW135xx	natur	Yes
FSWG135xx	natur	Yes
FTC100xx	natur	Yes
FTC110xx	natur	Yes
FTND180xxJ	natur	Yes

Technisches Datenblatt

Technical Datasheet

Material Typ / Film Type
FWG125
Datum / Date
21.06.2024

Inhaltsstoffe <i>Ingredients</i>	Folie aus einer Zubereitung von Polypropylen, Polypropylen Copolymer und Polyethylen mit einem endothermen Treibmittel zur Aufschäumung. <i>Film out of a composition of Polypropylen Homopolymer, Polypropylene Copolymer and Polyethylene with an endothermic foaming agent</i>	
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Merkmal <i>Property</i>	Einheit <i>Unit</i>	Nennwerte <i>Nominal values</i>	Testmethode <i>Testmethod</i>
Nenndicke <i>Nominal thickness</i>	µm	125	
Foliendicke <i>Film thickness</i>	µm	130	DIN ISO 4593
Flächengewicht <i>Mass per unit area</i>	g/m ²	67.6	DIN EN ISO 536
Dichte <i>Density</i>	g/cm ³	0.52	DIN EN ISO 1183
Farbe <i>Colour</i>		weiss geschäumt <i>white foamed</i>	
Kerndurchmesser <i>Core diameter</i>	mm	76	
Kerndicke <i>Core thickness</i>	mm	10	
Rollenlänge <i>Roll length</i>	m	850	+/- 10%
Rollendurchmesser <i>Roll diameter</i>	mm	385	+/- 10%
Spannung bei 10% Dehnung <i>Tension stress at 10% strain</i>	MPa	M.D. 82	DIN EN ISO 527
Max. Zugspannung <i>Max. tensile strength</i>	MPa	M.D. 115	DIN EN ISO 527
Bruchdehnung <i>Strain at break</i>	%	M.D. 20	DIN EN ISO 527
Schrumpf (110°C/5min) <i>Shrinkage (212°F/5min)</i>	%	M.D. 1.0	DIN EN ISO 11501

Alle Werte sind Mittelwerte, die im Labor unseres Lieferanten ermittelt wurden. Die ermittelten Werte sind keine Spezifikationswerte, sondern Richtwerte, für die keine Garantien übernommen werden. Farbe, Vorbehandlung und Stärke können variieren. Hierzu ist eine Rücksprache notwendig.

These values reflect current knowledge and state of the art of our supplier. They are intended to provide information on the products and are not to be understood as a guarantee of any specific product characteristic or suitability of any product for a particular application purpose. Colour, treatment and thickness can vary. For this purpose, please get in contact with our sales or administration department.

Información sobre el Reglamento Europeo de Envases y Residuos de Envases (PPWR)

Estimados/as señores/as,

En relación con las consultas recibidas sobre el Reglamento Europeo de Envases y Residuos de Envases, conocido como PPWR (Packaging and Packaging Waste Regulation), deseamos trasladar la siguiente información a efectos aclaratorios.

El PPWR ha sido aprobado por la Unión Europea y su propio reglamento establece un periodo transitorio, fijando como fecha general de aplicación el 12 de agosto de 2026, a partir de la cual comenzará su implementación progresiva.

En este sentido, el PPWR define un marco normativo general que todavía se encuentra en fase de desarrollo práctico. En la actualidad, muchos de sus requisitos aún no son plenamente aplicables y su interpretación concreta se está definiendo conforme avance su implantación.

Cyklop Strapesa, S.A.U. realiza un seguimiento continuo de la evolución de esta normativa y de la legislación medioambiental aplicable, con el objetivo de analizar su impacto y adaptar sus productos y procesos. Dentro de los plazos y condiciones que establezca la normativa vigente en cada momento.

A medida que existan criterios claros, definitivos y plenamente aplicables, se informará de forma transparente sobre cualquier posible implicación que pudiera afectar a nuestros productos.

Hasta entonces, la empresa continúa cumpliendo íntegramente con toda la normativa en vigor en materia de envases, residuos y responsabilidad medioambiental.

La presente comunicación tiene carácter meramente informativo y no constituye asesoramiento legal ni técnico específico.

Quedamos a su disposición para cualquier aclaración adicional.

Atentamente,

Cyklop Strapesa, S.A.U.

Ficha técnica de producto / Descripción de producto

Artículo	130850E	FLEJE PP	13 x 0,8	Color del fleje	Negro
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Superficie del fleje

Grafilado

Dimensiones del cono

150 x 115

Peso Gramo / Metro

6,40 +/-5%

Metros de la bobina

1200

Ancho

13,00

+0,50 / -1,00 mm

Carga de rotura

2325 N

Espesor

0,80

+0,10 / -0,03 mm

Factor canto

1860 N



Composición

0% virgen

100% reciclado

0,000 kgs

7,680 kgs

Peso de la bobina

7,874

kgs



Características de embalado estandar por bobina

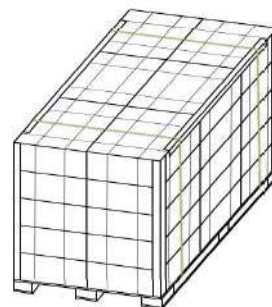
- 1 Celo indicativo con 2 flechas
- 3 Tiras de celo
- 2 Bobinas por caja
- 1 Etiqueta en cada caja

0,44 gr de papel / cartón por bobina embalada
0,001 gr de plástico PE por bobina embalada

Características de paletizado estandar

- 72 Bobinas por palet
- 1 Etiqueta grande identificativa
- 4 Cantoneras blancas
- 2 Cantoneras blancas
- 1 Palet de madera
- 1 Filmado con polietileno

2,62 gr de papel cartón por bobina paletizada
88,52 gr de plástico PE por bobina paletizada
347,22 gr de madera por bobina paletizada



Condiciones de almacenamiento y conservación

Nuestros productos se diseñan específicamente para garantizar la máxima estabilidad y asegurar el mantenimiento de sus propiedades físicas, para salvaguardar la integridad del producto se recomienda evitar el apilamiento, proteger de los golpes y altas temperaturas
Almacenar en lugares cubiertos y evitar cambios bruscos de humedad y temperatura, manteniendo las condiciones ambientales lo más estables posible
Largos periodos de almacenamiento pueden suponer una alteración de las propiedades del producto, especialmente en periodos de altas temperaturas
No exponer a la acción directa del agua o la lluvia

Material reciclable 100%

Certificado EC-8796/16 por Applus en UNE-EN ISO 9001:2015
Certificado PR-2064/135 por Applus en UNE EN 15343:2008
Certificado por EQA en ISO 50001

En cumplimiento del RD 1055/2022 del 27 de Diciembre sobre envases y residuos de envases SCRAP: ENV/2025/000055608





Producto certificado Applus+

LGAi Technological Center S.A. (APPLUS), certifica que el producto:

EMPRESA

Cyklop Strapesa, S.A.U.

C/ Ca L'Arabia 8 Corro D'Avall
08520 Les Franqueses (Barcelona) España

Fabricado en la planta de producción

C/ Ca L'Arabia 8 Corro D'Avall
08520 Les Franqueses (Barcelona) España

PRODUCTO

Porcentaje de plástico reciclado en producto Fleje de PP

Según anexo

NORMATIVA APLICABLE

UNE EN 15343:2008 (EN 15343:2007) Plásticos. Plásticos reciclados. Trazabilidad y evaluación de conformidad del reciclado de plásticos y contenido en reciclado

LGAi, siguiendo los requisitos del SPC 135, ha llevado a cabo la auditoría inicial del proceso de producción y del sistema de gestión. Se realiza el seguimiento periódico mediante auditoría del proceso de producción y sistema de gestión.

Este documento carece de validez sin su anexo técnico, cuyo número coincide con el del certificado.

Nº PR-2064/135

Fecha de emisión: 23/01/2026

Fecha primera emisión: 21/06/2024

Fecha confirmación/modificación: 23/01/2026

Fecha de validez: 21/06/2027



Xavier Ruiz Peña
Managing Director
Conformity Assessment



LGAi Technological Center S.A. (APPLUS)
Campus UAB. Ronda de la Font del Carme s/n
08193 Bellaterra, Barcelona (España)



Comprueba el
estado de este
certificado

Certificado

Anexo Técnico

Producto	Características	Composicion	% Contenido reciclado
Fleje de PP (10%)	Negro-xxxxx0	PP (Polipropileno)	Con 10% de contenido reciclado pre-consumo
	Blanco- xxxxx2		
	Verde – xxxxx1		
	Azul - xxxxx4		
	Amarillo- xxxxx7		
	Rojo - xxxxx8		
Fleje de PP (20%)	Negro-xxxxx0	PP (Polipropileno)	Con 20% de contenido reciclado pre-consumo
	Blanco- xxxxx2		
	Verde – xxxxx1		
	Azul - xxxxx4		
	Amarillo- xxxxx7		
	Rojo - xxxxx8		
Fleje de PP (30%)	Blanco- xxxxx2	PP (Polipropileno)	Con 30% de contenido reciclado pre-consumo
	Verde – xxxxx1		
	Azul - xxxxx4		
	Amarillo- xxxxx7		
	Rojo - xxxxx8		
	Negro-xxxxx0		
Fleje de PP (50%)	Blanco- xxxxx2	PP (Polipropileno)	Con 50% de contenido reciclado pre-consumo
	Verde – xxxxx1		
	Azul - xxxxx4		
	Amarillo- xxxxx7		
	Rojo - xxxxx8		
	Negro- xxxxx0		
Fleje de PP (100%)	Blanco- xxxxx2	PP (Polipropileno)	Con 100% de contenido reciclado posconsumo

Technisches Datenblatt / *Technical Datasheet* Physikalische Eigenschaften / *Physical Properties*

Material Typ / Material type **FTB100xx**

Datum / Date **28.08.2025**

Benefits

- Heat sealable and Ultra-Sonic
- Solvent-free
- Core 50mm or 76mm



Schicht <i>Layer</i>	Stärke (µm) <i>Strength</i>	Gewicht (g/m²) <i>Weight</i>	Dichte (g/m³) <i>Test method</i>
Folie OPP (Duplex) <i>OPP coex</i>	50	45.5	0.91
Klebstoff <i>Adhesive</i>	2	2.5	1.25
Folie OPP (Duplex) <i>OPP coex</i>	50	45.5	0.91
Total	102	93.5	

	Methode <i>Method</i>	Einheit <i>Unit</i>	Nennwert <i>Nominal values</i>
Wasserdampf <i>Water vapour</i>	ASTM F-1249-13	g/m² 24h	1.0
Sauerstoff <i>Oxygen</i>	ASTM D-3985-05	cm³/m² 24h	360
Zugfestigkeit MD <i>Tensile strength MD</i>	ISO 527-1/-3	N/mm²	143
Zugfestigkeit TD <i>Tensile strength TD</i>	ISO 527-1/-3	N/mm²	380
Bruchdehnung MD <i>Elongation at break MD</i>	ISO 527-1/-3	%	160
Bruchdehnung TD <i>Elongation at break TD</i>	ISO 527-1/-3	%	30

Die vorgenannten Daten haben nur während 12 Monaten nach Auslieferdatum ihre Gültigkeit. Die Lagerung hat trocken und sauber zu erfolgen. Der Folie ist für die Verwendung in Kontakt mit Lebensmitteln basierend auf den Regulierungen 1935/2004/EC, 1895/2005/CE (sofern anwendbar) und 10/2011/UE geeignet.

The above data is only valid for 12 months after the date of delivery. Storage must be dry and clean. The film is suitable for use in contact with food based on the regulations 1935/2004/EC, 1895/2005/CE (if applicable) and 10/2011/UE.

Alle Werte sind Mittelwerte, die im Labor unseres Lieferanten ermittelt wurden. Die ermittelten Werte sind keine Spezifikationswerte, sondern Richtwerte, für die keine Garantien übernommen werden. Farbe, Vorbehandlung und Stärke können variieren. Hierzu ist eine Rücksprache notwendig.

These values reflect current knowledge and state of the art of our supplier. They are intended to provide information on our products and are not to be understood as a guarantee of any specific product characteristic or suitability of any product for a particular application purpose. Colour, treatment and thickness can vary. For this purpose please get in contact with our sales or administration department.



Ficha técnica de producto / Descripción de producto

FLEJE PP medida 13 x 0,80 bobinado en diámetro 150, **TERMOSOLDABLE**

PRODUCTO	PP 13080 TERMOSOLDABLE
COMPOSICIÓN	Recuperado primera
COLOR	NEGRO
SUPERFICIE	GRAFILADA EN CALIENTE

Dimensiones del fleje / Propiedades técnicas

ANCHO	12,5mm +01,-/0,05 mm
ESPESOR	0,75mm +01/-0,05 mm//1.200 mt
CARGA DE ROTURA	3.800 Nw temperatura 25º
ELONGACIÓN	22 % temperatura 25º
DIAMETROS Interior/Exterior	D Int. 150 mm D Ext. +/- 410 mm.

Presentación del producto

BOBINAS POR CAJA	2
METROS BOBINA	1.200
CAJAS/BOBINA POR PALLET	36 CAJAS 72 Bobinas

Cuando se almacena en las cajas originales a 23°C de temperatura y 65% de humedad relativa, el producto tiene una longevidad de 4 años.

El rango de temperaturas de aplicación ideal es entre 10 °C y 40°C.

La información arriba mencionada representa valores medios, establecidos en base a nuestro mejor conocimiento y dados de buena fe, pero no son válidos para su uso como especificación, ni constituyen garantía de resultado final.

Certificado en ISO 9001:2008 & ISO 50001:2011

20/03/2019



Elaborado por:

Departamento Calidad, Gestión Ambiental y Seguridad Alimentaria FABRICANTE

Cyklop GmbH

Industriestrasse, 133
50996. Köln - Rodenkirchen
ANDERE REGION
GERMANY

To whom it may concern,

We are pleased to confirm that on December 3rd the audit for the initial certification was carried out, in accordance with the Particular Certification System SPC: **PCS 135 certification scheme – Percentage of recycled plastic content in a product Ed. 5**, in accordance with the **EN 15343** standard for the company Cyklop GmbH., assigned project number: 459066 – 25/32308354.

This project is in process of being submitted to the commission for certificate issuance. We inform you that the persons responsible at Applus+ for carrying out the corresponding tasks are the following:

Technical manager: Ana Maria Masip
Auditor: José Guardiola

We remain at your disposal for any clarification regarding the product certification process that you may require.

Yours sincerely,

Ana M^a Masip
Technical Manager
Bellaterra, 27th February 2026