



## INSTITUT PRO TESTOVÁNÍ A CERTIFIKACI, a.s.

INSTITUTE FOR TESTING AND CERTIFICATION  
trida Tomase Bati 299, Louky, 763 02 Zlin, Czech Republic

# FINAL REPORT

No. 313301074/2026

Applicant: **Karton P+P spol. s r.o.**

Address: Havránkova 11  
619 00 Brno  
Czech Republic

Product(s): **Anatomic Schoolbag**

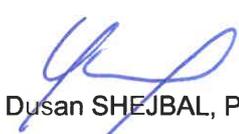
Model(s): Premium Light (collection 2024, 2025, 2026), OXY Sherpy (collection 2024, 2025, 2026), OXY GO (collection 2024, 2025, 2026)  
description is given in Clause 1.

Manufacturer: Karton P+P spol. s r.o., Czech Republic

Assessed by: Miroslava Dostálová, Dipl. Ing.

Issued on: 2026-02-27



  
Mr Dusan SHEJBAL, Ph.D.  
Deputy Director of Certification Division



## Introduction

The purpose of this Assessment of Conformity (hereafter "AoC") is to demonstrate the product conformity with the requirements of relevant technical specifications and to facilitate the access of the certified products to the EU market.

The applicant has asked for an independent product certification by a 'third party' – by the Institut pro testování a certifikaci, a.s. (Institute for Testing and Certification, hereafter "ITC"). This Final Report has been compiled as a result of application No 313301074 lodged to the ITC on 2026-02-11.

The applicant is the:

Manufacturer.

This is a voluntary certification of the conformity of the product (description given in Chapter 1) with the requirements of technical regulations in Clause 2.1. This assessment does not mean or replace the conformity assessment (certification) according to Czech Act No 22/1997 on technical requirements for products.

*Declaration of ITC employees involved in the conformity assessment:*

*The employees undertake to maintain the confidentiality of all information obtained during the process of the assessment. They declare that they have not been involved in any consulting and/or training activities related to the manufacturer's / applicant's management system during the last two years, have not carried out internal audits of the manufacturer / applicant, and have no significant links with them (ie: financial, business, kinship, ownership, or similar ones).*

## 1. Product identification

Product name:	<b>Anatomic Schoolbag, types: Premium Light (collection 2024, 2025, 2026), OXY Sherpy (collection 2024, 2025, 2026), OXY GO (collection 2024, 2025, 2026)</b>
Groups - Model(s):	
Premium Light	PlayWorld 9-12324, Space 8-38824, Horse Romantic 3-39924, Pets 8-38924, Pegas 9-12424, Wolf 7-64524, Tractor 9-13024, Butterfly 9-14025, Space 8-38825, Horse Romantic 3-39925, Pegas 9-12425, Pets 8-38925, Playworld 9-12325, Dino 9-12225, Colibri 3-11825, SpiderMan 3-70525X, Monster 8-92926, Playworld 9-12326, Tractor 9-13026, Car 8-92626, Pegas 9-12426, Flowers 3-11826, Dream 8-92826, Cat 1-57426, Dino 9-12226, Axolotl 6-81526, Football 9-13126, Horse Romantic 3-39926
OXY GO	Butterfly 8-47224, Dots 8-03324, Flowers 9-11524, Football 8-37624, Dino 9-11024, PlayWorld 8-37924, Shiny 9-13424, Stickers 9-77024, Colibri 8-45525, Dino 9-11025, Playworld 8-37925, Football 8-37625, Car 8-92025, Unicorn 8-40025, Fashion 9-75825, Unicorn 8-40026, Butterfly 8-47226, Funny Girl 8-92226, Hockey 8-93826, Dino 9-11026, Magic 6-80526, Playworld 8-37926, Playworld Girl 8-92326, Funny Boy 8-91926
OXY SHERPY	Blue 0-23324, Green 0-23124, Pink 0-23224, Robot 0-23124, Unicorn 0-23224, Wolf 0-23624, Football 0-24925, Butterfly 0-24725, Playworld 0-24826, Gamer 0-25026, Butterfly 0-24726, Unicorn 0-23526, Colibri 0-24626
Product description:	The school anatomical backpacks described above are textile backpacks designed for carrying teaching aids to school for pupils in the first stage of primary school. The backpacks have a reinforced, bandaged and stitched back and split carrying straps. The upper part of the carrying straps is shaped, sewn from the top fabric and the lower sliding part is a fabric strap. The carrying straps are fitted with an adjustable chest strap. The products are fitted with retro-reflective elements in silver which are located on the front part, on the side parts and on the carrying straps.

Depending on the product design, two types of retroreflective material are used: Silver 001 with a thickness of 0.72 mm and Silver 002 with a thickness of 0.25 mm. Premium Light backpacks are single-chamber, with a separate front pocket. The closure of the product is designed with a bulky, reinforced flap with a metal or plastic lock. OXY Go backpacks are double chambered, closed with a set of coloured plastic zippers. The group OXY Sherpy is a single-chamber backpack with a flap with a plastic magnetic lock and one front pocket.

The rucksacks are divided into type series (groups), with each type series containing rucksacks with the same basic characteristics relevant for certification. Each group has been given a short name by the manufacturer for clarity, see above.

Product parameters: The parameters of each product (weight) are given in Table 4.  
The material composition of the products is given in Table 1.

Product / Scheme image:

**Schoolbags Premium Light:**



Premium Light (Cat) – front part



Premium Light (Cat) – back part



Premium Light (Cat) – side part

**Collection 2024**

PEGAS	9-12424		TRACTOR	9-13024	
HORSE ROMANTIC	3-39924		SPACE	8-38824	
PLAYWORLD	9-12324		WOLF	7-64524	

PETS	8-38924	
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Collection 2025

BUTTEFLY	9-14025		COLIBRI	3-11825	
HORSE ROMANTIC	3-39925		SPACE	8-38825	
PLAYWORLD	9-12325		DINO	9-12225	
PETS	8-38925		PEGAS	9-12425	
SpiderMan	3-70525X				

Collection 2026

Monster	8-92926		Dream	8-92826	
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Playworld 9-12326		Cat 1-57426	
Tractor 9-13026		Dino 9-12226	
Car 8-92626		Axolotl 6-81526	
Pegas 9-12426		Football 9-13126	
Flowers 3-11826		Horse Romantic 3-39926	

**Schoolbags OXY GO:**



OXY GO (Hockey) – front part



OXY GO (Hockey) – back part



OXY GO (Hockey) – side part

Collection 2024

DOTS	8-03324		PLAYWORLD	8-37924	
FLOWERS	9-11524		SHINY	9-13424	
FOOTBALL	8-37624		STICKERS	9-77024	
DINO	9-11024		BUTTERFLY	8-47224	

Collection 2025

UNICORN	8-40025		PLAYWORLD	8-37925	
COLIBRI	8-45525		FOOTBALL	8-37625	
FASHION	9-75825		CAR	8-92025	



Collection 2026

Unicorn	8-40026		Magic	6-80526	
Butterfly	8-47226		Playworld	8-37926	
Funny Girl	8-92226		Playworld Girl	8-92326	
Hockey	8-93826		Funny Boy	8-91926	
Dino	9-11026				

**Schoolbags OXY Sherry:**



OXY Sherry (Playworld) – front part



OXY Sherry (Playworld) – back part



OXY Sherry (Playworld) – side part

**Collection 2024:**

BLUE	0-23324		ROBOT	0-23124	
GREEN	0-23124		UNICORN	0-23224	
PINK	0-23224		WOLF	0-23624	

**Collection 2025:**

BUTTERFLY	0-24725		FOOTBALL	0-24925	
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Collection 2026:

Playworld	0-24826		Unicorn	0-23526	
Gamer	0-25026		Colibri	0-24626	
Butterfly	0-24726				

Table No. 1 - Material composition

Part of Schoolbag	Material		
	Premium Light	OXY Go	OXY Sherpy
Upper – front and lateral part	Impregnated textile fabric - polyester		
Upper – back part	Knitted textile (mesh) - polyester		
Upper - bottom	Moulded plastic Eva with textile fabric cover with four plastic protectors	Textile fabric reinforced by EVA foam	Moulded plastic Eva with textile fabric cover with four plastic protectors
Handle	Folded strap with reinforcement	Impregnated textile fabric and knitted textile (mesh) with reinforcement	Sewn textile strap
Lining	Synthetic textile fabric - polyamide		
Carrying straps – upper part	Impregnated textile fabric - polyester		
Carrying straps lining	Knitted textile (mesh) - polyester		
Carrying straps – lower part	Synthetic textile fabric - strap		
Buckles (with non-slip teeth)	Hard plastic		
Zippers	Plastic ones with a metal slider and a metal puller		
Lock	Metal lock with reflector or plastic lock with magnet	-	Plastic lock with magnet

## 2. Product conformity with technical specifications

### 2.1. Applicable technical specifications

The assessment of conformity has been carried out according to the following technical specifications:

**Table No. 2 – Technical specifications applied for the Assessment of Conformity**

#	Specification indication	Specification name
1.	TS-ITC-337/2022 version 01:2022	Batohy a aktovky školní pro značku ITC – certifikovaná kvalita School backpacks and briefcases for the ITC brand - certified quality

**Table No. 3 – Technical specifications applied for testing**

#	Specification indication	Specification name
1.	TS-ITC-337/2022 version 01:2022  - Cl. 4.1 - Cl. 4.2	School backpacks and briefcases for the ITC brand - certified quality - Product safety (determination of carrying capacity) - Properties for health safety assessment (assessment of the design of products)
2.	ČSN EN ISO 105-E04:2013	Textiles - Tests for colour fastness - Part E04: Colour fastness to perspiration
3.	ČSN EN ISO 105-X12:2016	Textiles - Tests for colour fastness - Part X12: Colour fastness to rubbing
4.	ČSN EN ISO 20471:2013 ČSN EN ISO 20471:2013/ A1:2017 - Cl. 5.1, 7.3	High visibility clothing - Test methods and requirements High visibility clothing - Test methods and requirements – Amendment A1 Determination of retroreflection coefficient
5.	ČSN 79 6506:1991 - Cl. 19 - Cl. 21 - Cl. 35	Bagmaker's products. School satchels - Weight - Carrying straps - Instructions
6.	ČSN 64 7010:1975	Measurement of thickness, width and length of polymers and other plastic products

## 2.2. Chosen AoC scheme

The certified products are subject to an AoC carried out by the manufacturer under his sole responsibility.

This AoC has been, nevertheless, carried out by an independent third party – Institut pro testování a certifikaci a.s., according to the application mentioned above. ITC has applied the certification scheme CZ-ITC-5.2 (according to Scheme 5 of EN ISO/IEC 17067:2013). This scheme is grounded in testing. The certificate of conformity is issued for the product (see Chapter 1) and the necessary characteristics are detailed in the Certificate of Conformity or document to which the certificate refers.

The surveillance part of this scheme involves periodically taking samples of the product from the point of production or market or both and subjecting them to determination activities to check that items produced subsequent to the initial attestation fulfil the specified requirements.

This scheme includes surveillance (usually once every 12 months). Surveillance includes testing or inspection of samples. This scheme does not provide any indication of the impact the distribution channel plays on conformity. When serious nonconformities are found, the opportunity may exist to resolve them before widespread market distribution occurs.

## 2.3. Sampling

- The samples have been taken up by ITC from the manufacturing plant (storage) in the range described in Sampling Report No. 313301074 issued on 2026-02-12.

#### 2.4. Testing - place, date and results

Testing of conformity with the requirements of technical regulations has been carried out in the following accredited laboratories:

- AZL 1004, ITC Zlín (01/2023 až 02/2026)
- Institut pro testování a certifikaci a.s. Zlín - assessment (02/2026)

The results of the tests used in the assessment are given in the following test reports or assessment records:

- Accredited Laboratory Test Report Ref. No. 313301010-01, AZL 1004, 12.01.2023 (in Table No. 4 marked as. D1)
- Accredited Laboratory Test Report Ref. No. 313301058-01, AZL 1004, 14.01.2025 (in Table No. 4 marked as. D2)
- Accredited Laboratory Test Report Ref. No. 313301074-01, AZL 1004, 19.02.2026 (in Table No. 4 marked as. D3)
- Accredited Laboratory Test Report Ref. No. 313301074-02, AZL 1004, 25.02.2026 (in Table No. 4 marked as. D4)
- Assessment/Test Record No. 313301074 č. 1, ITC Zlín, 12.02.2026 (in Table No. 4 marked as. D5)
- Assessment/Test Record No. 313301074 č. 2, ITC Zlín, 25.02.2026 (in Table No. 4 marked as. D6)
- Final Report on the inspection of a certified product No. 323300070/2024, 27.03.2024 (in Table No. 4 marked as. D7)
- Final Report on the inspection of a certified product No. 323300072/2025, 31.03.2025 (in Table No. 4 marked as. D8)

These test reports and/or assessment records are an integral part of the contract documentation of this assessment. These documents are kept in the contract file.

The results taken over from Final Reports on the inspection of a certified product No. 323300070/2024, 323300072/2025, are relevant to the currently valid versions of the technical specifications, including measured parameter values.

The above mentioned test reports contain the uncertainty of the measurement. The results with uncertainties have been analysed, and the deviations from the prescribed tolerances, including the uncertainties, do not affect the conformity.

Table No. 4: Test results – Backpacks Premium Light

Tested parameter	Value required	Results obtained	No. of document <sup>1)</sup>	Asses-sment
<b>Safety of complete product</b>				
Assessment of product before using	the individual components of the product must not endanger the user in terms of causing injury	they are not threatening	D6	pass
Assessment of product after test of carrying capacity	the individual components of the product must not endanger the user in terms of causing injury	they are not threatening	D6	pass

Table No. 4: Test results – Backpacks Premium Light

Tested parameter	Value required	Results obtained	No. of document <sup>1)</sup>	Asses- ment
Retroreflection efficiency – retroreflection coefficient for the angle of rotation $\varepsilon_1=0^\circ$ / $\varepsilon_1=90^\circ$ retroreflective material - Silver 001 - Silver 002	min. 110 cd / (lx.m <sup>2</sup> )	234 / 238 328 / 325 cd / (lx.m <sup>2</sup> )	D2	pass
Area of retroreflective elements - front part - lateral part 1 - lateral part 2 - back part (carrying straps)	min. 70 cm <sup>2</sup> min. 15 cm <sup>2</sup> on each lateral part min. 10 cm <sup>2</sup> on each carrying strap	78.4 cm <sup>2</sup> 41.3 cm <sup>2</sup> 41.3 cm <sup>2</sup> 12.5 cm <sup>2</sup> on each carrying strap	D6	pass
Classification according to the purpose of the product	for pupils I. or II. elementary school level	for pupils of I. elementary school level	D6	pass
<b>Innocuousness</b>				
Weight – collection 2024 PlayWorld 9-12324 Space 8-38824 Horse Romantic 3-39924 Pets 8-38924 Pegas 9-12424 Wolf 7-64524 Tractor 9-13024 Colibri 3-11823	max. 970 g <sup>4)</sup>	941 g 941 g 956 g 929 g 953 g 899 g 919 g 962 g	D7 D7 D7 D5 D7 D7 D7 D7	pass
Weight – collection 2025 Butterfly 9-14025 Space 8-38825 Pets 8-38925 Playworld 9-12325 Dino 9-12225 Colibri 3-11825 SpiderMan 3-70525X	max. 970 g <sup>4)</sup>	889 g 934 g 953 g 919 g 900 g 949 g 923 g	D8 D8 D8 D8 D8 D5 D8	pass
Weight – collection 2025 Horse Romantic 3-39925 Pegas 9-12425	max. 985 g <sup>4)</sup>	983 g 976 g	D8 D8	pass
Weight – collection 2026 Monster 8-92926 Playworld 9-12326 Tractor 9-13026 Car 8-92626 Pegas 9-12426 Flowers 3-11826 Dream 8-92826 Cat 1-57426 Dino 9-12226 Axolotl 6-81526	max. 970 g <sup>4)</sup>	965 g 967 g, 968 g 967 g 888 g 935 g 959 g 963 g 945 g 930 g 874 g	D5 D5, D6 D5 D5 D5 D5 D5 D5, D6 D5 D5	pass

Table No. 4: Test results – Backpacks Premium Light

Tested parameter	Value required	Results obtained	No. of document <sup>1)</sup>	Asses-ment
Football 9-13126		956 g	D5	
Horse Romantic 3-39926		952 g	D5	
Back part	bandaging or bracing without pressure points	bandaging, bracing	D6	pass
Carrying straps - width - length - appearance	min. 40 mm min. 700 mm padding or bandaging in place of shoulders	50 - 52 mm 765 - 770 mm bandaging	D6	pass
Load capacity 8 kg – carrying straps	min. 20 000 cycles without damage	after 20 000 cycles without damage	D3	pass
Load capacity 8 kg - extension (slippage) of load-bearing belts after the test	max. 15 %	less than 1 %	D3	pass
Load capacity 8 kg – appearance of product after the test	without damage	without damage	D3	pass
<b>Design of product</b>				
Pocket	the schoolbag shall be equipped with a pocket for storing snacks	the schoolbag is equipped with a pocket for storing snacks	D6	pass
Name tag (label)	the schoolbag for pupils I. elementary school level shall be equipped by name tag	all the checked schoolbags are equipped with a name tag	D6	pass
<b>Material properties</b>				
Load capacity 8 kg – appearance of product after the test - upper and lining materials - stitching - buckles, small plastic products	without damage without damage without damage	without damage without damage without damage	D3	pass
Colour fastness to rubbing when dry - two-layers laminated textile (Mesh) - black colour - dark grey colour - grey-green colour - dark blue colour - bottle green colour - colour turquoise blue - light blue colour - colour fluorescent yellow-green - light violet colour - orange colour - bright pink colour - pink colour - light pink colour (nude)	min. 3 (degree of grey scale)	(degree of grey scale) <sup>2)</sup> 5/5 5/5 5/5 5/5 5/5 5/5 5/5 5/5 5/5 5/5 5/5 5/5	D1	pass

Table No. 4: Test results – Backpacks Premium Light

Tested parameter	Value required	Results obtained	No. of document <sup>1)</sup>	Assessment
Colour fastness to rubbing when wet - two-layers laminated textile (Mesh) - black colour - dark grey colour - grey-green colour - dark blue colour - bottle green colour - colour turquoise blue - light blue colour - colour fluorescent yellow-green - light violet colour - orange colour - bright pink colour - pink colour - light pink colour (nude)	min. 3 (degree of grey scale)	(degree of grey scale) <sup>2)</sup> 5/5 5/5 5/5 5/5 5/5 5/5 5/5 5/5 5/5 5/5 5/5 5/5 5/5	D1	pass
Colour fastness to perspiration in acid sweat - two-layers laminated textile (Mesh) - black colour - dark grey colour - grey-green colour - dark blue colour - bottle green colour - colour turquoise blue - light blue colour - colour fluorescent yellow-green - light violet colour - orange colour - bright pink colour - pink colour - light pink colour (nude)	used materials shall be colourfast min. 3 (degree of grey scale)	(degree of grey scale) <sup>3)</sup> 5/5/5/5/5/5/5/5 5/5/5/4-5/4-5/5/5 5/5/5/4-5/4-5/5/5 5/5/5/5/5/5/5/5 5/5/5/5/5/5/5/5 5/5/5/5/5/5/5/5 5/5/5/5/5/5/5/5 5/4-5/4-5/4-5/4/4-5/4-5 5/5/5/5/5/5/5/5 5/5/5/4-5/5/5/5 5/5/5/5/5/5/5/5 5/5/5/5/5/5/5/5 5/5/5/5/5/5/5/5	D1	pass
Colour fastness to perspiration in alkalic sweat - two-layers laminated textile (Mesh) - black colour - dark grey colour - grey-green colour - dark blue colour - bottle green colour - colour turquoise blue - light blue colour - colour fluorescent yellow-green - light violet colour - orange colour - bright pink colour - pink colour - light pink colour (nude)	used materials shall be colourfast min. 3 (degree of grey scale)	(degree of grey scale) <sup>3)</sup> 5/5/5/5/5/5/5/5 5/5/5/4-5/4-5/5/5 5/5/5/4-5/4-5/5/5 5/5/5/5/5/5/5/5 5/5/5/5/5/5/5/5 5/5/5/5/5/5/5/5 5/5/5/5/5/5/5/5 5/4-5/4-5/4-5/4/4-5/4-5 5/5/5/5/5/5/5/5 5/5/5/4-5/5/5/5 5/5/5/5/5/5/5/5 5/5/5/5/5/5/5/5 5/5/5/5/5/5/5/5	D1	pass

Table No. 5: Test results – Backpacks OXY GO

Tested parameter	Value required	Results obtained	No. of document <sup>1)</sup>	Assessment
<b>Safety of complete product</b>				
Assessment of product before using	the individual components of the product must not endanger the user in terms of causing injury	they are not threatening	D6	pass
Assessment of product after test of carrying capacity	the individual components of the product must not endanger the user in terms of causing injury	they are not threatening	D6	pass
Retroreflection efficiency – retroreflection coefficient for the angle of rotation $\varepsilon_1=0^\circ / \varepsilon_1=90^\circ$ retroreflective material - Silver 001 - Silver 002	min. 110 cd / (lx.m <sup>2</sup> )	234 / 238 328 / 325 cd / (lx.m <sup>2</sup> )	D2	pass
Area of retroreflective elements - front part - lateral part 1 - lateral part 2 - back part (carrying straps)	min. 70 cm <sup>2</sup> min. 15 cm <sup>2</sup> on each lateral part min. 10 cm <sup>2</sup> on each carrying strap	142.3 cm <sup>2</sup> 19.6 cm <sup>2</sup> 18.8 cm <sup>2</sup> 11.3 cm <sup>2</sup> on each carrying strap	D6	pass
Classification according to the purpose of the product	for pupils I. or II. elementary school level	for pupils of I. elementary school level	D6	pass
<b>Innocuousness</b>				
Weight – collection 2024 Butterfly 8-47224 Dots 8-03324 Flowers 9-11524 Football 8-37624 Dino 9-11024 PlayWorld 8-37924 Shiny 9-13424 Stickers 9-77024	max. 990 g <sup>4)</sup>	837 g 911 g 899 g 926 g 909 g 915 g 830 g 895 g	D7 D7 D5 D7 D7 D7 D7 D7	pass
Weight – collection 2025 Colibri 8-45525 Dino 9-11025 Playworld 8-37925 Football 8-37625 Car 8-92025 Unicorn 8-40025 Fashion 9-75825 Dino 9-11024	max. 930 g <sup>4)</sup>	915 g 831 g 871 g 914 g 914 g 859 g 858 g 918 g	D5 D8 D8 D8 D8 D8 D8 D8	pass

Table No. 5: Test results – Backpacks OXY GO

Tested parameter	Value required	Results obtained	No. of document <sup>1)</sup>	Asses- sment
Weight – collection 2026 Unicorn 8-40026 Butterfly 8-47226 Funny Girl 8-92226 Hockey 8-93826 Dino 9-11026 Magic 6-80526 Playworld 8-37926 Playworld Girl 8-92326 Funny Boy 8-91926	max. 930 g <sup>4)</sup>	803 g 883 g 888 g 848 g, 843 g 873 g 868 g 889 g, 884 g 882 g 870 g	D5 D5 D5 D5, D6 D5 D5 D5, D6 D5 D5	pass
Back part	bandaging or bracing without pressure points	bandaging, bracing	D6	pass
Carrying straps - width - length - appearance	min. 40 mm min. 700 mm padding or bandaging in place of shoulders	55 - 57 mm 720 - 730 mm bandaging	D6	pass
Load capacity 8 kg – carrying straps	min. 20 000 cycles without damage	after 20 000 cycles without damage	D3	pass
Load capacity 8 kg - extension (slippage) of load-bearing belts after the test	max. 15 %	less than 1 %	D3	pass
Load capacity 8 kg – appearance of product after the test	without damage	without damage	D3	pass
<b>Design of product</b>				
Pocket	the schoolbag shall be equipped with a pocket for storing snacks	the schoolbag is equipped with a pocket for storing snacks	D6	pass
Name tag (label)	the schoolbag for pupils I. elementary school level shall be equipped by name tag	all the checked schoolbags are equipped with a name tag	D6	pass
<b>Material properties</b>				
Load capacity 8 kg – appearance of product after the test - upper and lining materials - stitching - buckles, small plastic products	without damage without damage without damage	without damage without damage without damage	D3	pass
Colour fastness to rubbing when dry - two-layers laminated textile (Mesh) - black colour - dark grey colour - grey-green colour - dark blue colour - bottle green colour - colour turquoise blue	min. 3 (degree of grey scale)	(degree of grey scale) <sup>2)</sup> 5/5 5/5 5/5 5/5 5/5 5/5	D1	pass

Table No. 5: Test results – Backpacks OXY GO

Tested parameter	Value required	Results obtained	No. of document <sup>1)</sup>	Assessment
<ul style="list-style-type: none"> <li>- light blue colour</li> <li>- colour fluorescent yellow-green</li> <li>- light violet colour</li> <li>- orange colour</li> <li>- bright pink colour</li> <li>- pink colour</li> <li>- light pink colour (nude)</li> </ul>		5/5 5/5 5/5 5/5 5/5 5/5 5/5		
Colour fastness to rubbing when wet - two-layers laminated textile (Mesh) <ul style="list-style-type: none"> <li>- black colour</li> <li>- dark grey colour</li> <li>- grey-green colour</li> <li>- dark blue colour</li> <li>- bottle green colour</li> <li>- colour turquoise blue</li> <li>- light blue colour</li> <li>- colour fluorescent yellow-green</li> <li>- light violet colour</li> <li>- orange colour</li> <li>- bright pink colour</li> <li>- pink colour</li> <li>- light pink colour (nude)</li> </ul>	min. 3 (degree of grey scale)	(degree of grey scale) <sup>2)</sup> 5/5 5/5 5/5 5/5 5/5 5/5 5/5 5/5 5/5 5/5 5/5 5/5 5/5	D1	pass
Colour fastness to perspiration in acid sweat - two-layers laminated textile (Mesh) <ul style="list-style-type: none"> <li>- black colour</li> <li>- dark grey colour</li> <li>- grey-green colour</li> <li>- dark blue colour</li> <li>- bottle green colour</li> <li>- colour turquoise blue</li> <li>- light blue colour</li> <li>- colour fluorescent yellow-green</li> <li>- light violet colour</li> <li>- orange colour</li> <li>- bright pink colour</li> <li>- pink colour</li> <li>- light pink colour (nude)</li> </ul>	used materials shall be colourfast min. 3 (degree of grey scale)	(degree of grey scale) <sup>3)</sup> 5/5/5/5/5/5/5 5/5/5/4-5/4-5/5/5 5/5/5/4-5/4-5/5/5 5/5/5/5/5/5/5 5/5/5/5/5/5/5 5/5/5/5/5/5/5 5/5/5/5/5/5/5 5/4-5/4-5/4-5/4/4-5/4-5 5/5/5/5/5/5/5 5/5/5/4-5/5/5/5 5/5/5/5/5/5/5 5/5/5/5/5/5/5 5/5/5/5/5/5/5	D1	pass
Colour fastness to perspiration in alkalic sweat - two-layers laminated textile (Mesh) <ul style="list-style-type: none"> <li>- black colour</li> <li>- dark grey colour</li> <li>- grey-green colour</li> <li>- dark blue colour</li> <li>- bottle green colour</li> <li>- colour turquoise blue</li> <li>- light blue colour</li> <li>- colour fluorescent yellow-green</li> </ul>	used materials shall be colourfast min. 3 (degree of grey scale)	(degree of grey scale) <sup>3)</sup> 5/5/5/5/5/5/5 5/5/5/4-5/4-5/5/5 5/5/5/4-5/4-5/5/5 5/5/5/5/5/5/5 5/5/5/5/5/5/5 5/5/5/5/5/5/5 5/5/5/5/5/5/5 5/5/5/5/5/5/5 5/4-5/4-5/4-5/4/4-5/4-5	D1	pass

Table No. 5: Test results – Backpacks OXY GO

Tested parameter	Value required	Results obtained	No. of document <sup>1)</sup>	Assessment
- light violet colour - orange colour - bright pink colour - pink colour - light pink colour (nude)		5/5/5/5/5/5 5/5/5/4-5/5/5/5 5/5/5/5/5/5 5/5/5/5/5/5 5/5/5/5/5/5		

Table No. 6: Test results – backpacks OXY Sherpy

Tested parameter	Value required	Results obtained	No. of document <sup>1)</sup>	Assessment
<b>Safety of complete product</b>				
Assessment of product before using	the individual components of the product must not endanger the user in terms of causing injury	they are not threatening	D6	pass
Assessment of product after test of carrying capacity	the individual components of the product must not endanger the user in terms of causing injury	they are not threatening	D6	pass
Retroreflection efficiency – retroreflection coefficient for the angle of rotation $\varepsilon_1=0^\circ / \varepsilon_1=90^\circ$ retroreflective material - Silver 001 - Silver 002	min. 110 cd / (lx.m <sup>2</sup> )	234 / 238 328 / 325 cd / (lx.m <sup>2</sup> )	D2	pass
Area of retroreflective elements - front part - lateral part 1 - lateral part 2 - back part (carrying straps)	min. 70 cm <sup>2</sup> min. 15 cm <sup>2</sup> on each lateral part min. 10 cm <sup>2</sup> on each carrying strap	73.1 cm <sup>2</sup> 19.6 cm <sup>2</sup> 19.6 cm <sup>2</sup> 13.8 cm <sup>2</sup> on each carrying strap	D6	pass
Classification according to the purpose of the product	for pupils I. or II. elementary school level	for pupils of I. elementary school level	D6	pass
<b>Innocuousness</b>				
Weight – collection 2024 Blue 0-23324 Green 0-23124 Pink 0-23224 Robot 0-23124 Unicorn 0-23224 Wolf 0-23624	max. 950 g <sup>4)</sup>	915 g 914 g 871 g 920 g 923 g 893 g	D7 D7 D5 D7 D7 D7	pass

Table No. 6: Test results – backpacks OXY Sherpy

Tested parameter	Value required	Results obtained	No. of document <sup>1)</sup>	Assessment
Weight – collection 2025 Football 0-24925 Butterfly 0-24725	max. 950 g <sup>4)</sup>	929 g 910 g	D5 D8	pass
Weight – collection 2026 Playworld 0-24826 Gamer 0-25026 Butterfly 0-24726 Unicorn 0-23526 Colibri 0-24626	max. 950 g <sup>4)</sup>	887 g, 880 g 900 g, 897 g 940 g, 936 g 914 g 936 g	D5, D6 D5, D6 D5, D6 D5 D5	pass
Back part	bandaging or bracing without pressure points	bandaging, bracing	D6	pass
Carrying straps - width - length - appearance	min. 40 mm min. 700 mm padding or bandaging in place of shoulders	55 - 56 mm 780 mm bandaging	D6	pass
Load capacity 8 kg – carrying straps	min. 20 000 cycles without damage	after 20 000 cycles without damage	D4	pass
Load capacity 8 kg - extension (slippage) of load-bearing belts after the test	max. 15 %	less than 1 %	D4	pass
Load capacity 8 kg – appearance of product after the test	without damage	without damage	D4	pass
<b>Design of product</b>				
Pocket	the schoolbag shall be equipped with a pocket for storing snacks	the schoolbag is equipped with a pocket for storing snacks	D6	pass
Name tag (label)	the schoolbag for pupils I. elementary school level shall be equipped by name tag	all the checked schoolbags are equipped with a name tag	D6	pass
<b>Material properties</b>				
Load capacity 8 kg – appearance of product after the test - upper and lining materials - stitching - buckles, small plastic products	without damage without damage without damage	without damage without damage without damage	D4	pass
Colour fastness to rubbing when dry - two-layers laminated textile (Mesh) - black colour - dark grey colour - grey-green colour - dark blue colour - bottle green colour - colour turquoise blue - light blue colour	min. 3 (degree of grey scale)	(degree of grey scale) <sup>2)</sup> 5/5 5/5 5/5 5/5 5/5 5/5	D1	pass

Table No. 6: Test results – backpacks OXY Sherpy

Tested parameter	Value required	Results obtained	No. of document <sup>1)</sup>	Asses-ment
<ul style="list-style-type: none"> <li>- colour fluorescent yellow-green</li> <li>- light violet colour</li> <li>- orange colour</li> <li>- bright pink colour</li> <li>- pink colour</li> <li>- light pink colour (nude)</li> </ul>		5/5 5/5 5/5 5/5 5/5 5/5		
Colour fastness to rubbing when wet - two-layers laminated textile (Mesh) <ul style="list-style-type: none"> <li>- black colour</li> <li>- dark grey colour</li> <li>- grey-green colour</li> <li>- dark blue colour</li> <li>- bottle green colour</li> <li>- colour turquoise blue</li> <li>- light blue colour</li> <li>- colour fluorescent yellow-green</li> <li>- light violet colour</li> <li>- orange colour</li> <li>- bright pink colour</li> <li>- pink colour</li> <li>- light pink colour (nude)</li> </ul>	min. 3 (degree of grey scale)	(degree of grey scale) <sup>2)</sup> 5/5 5/5 5/5 5/5 5/5 5/5 5/5 5/5 5/5 5/5 5/5 5/5	D1	pass
Colour fastness to perspiration in acid sweat - two-layers laminated textile (Mesh) <ul style="list-style-type: none"> <li>- black colour</li> <li>- dark grey colour</li> <li>- grey-green colour</li> <li>- dark blue colour</li> <li>- bottle green colour</li> <li>- colour turquoise blue</li> <li>- light blue colour</li> <li>- colour fluorescent yellow-green</li> <li>- light violet colour</li> <li>- orange colour</li> <li>- bright pink colour</li> <li>- pink colour</li> <li>- light pink colour (nude)</li> </ul>	used materials shall be colourfast min. 3 (degree of grey scale)	(degree of grey scale) <sup>3)</sup> 5/5/5/5/5/5/5 5/5/5/4-5/4-5/5/5 5/5/5/4-5/4-5/5/5 5/5/5/5/5/5/5 5/5/5/5/5/5/5 5/5/5/5/5/5/5 5/5/5/5/5/5/5 5/4-5/4-5/4-5/4/4-5/4-5 5/5/5/5/5/5/5 5/5/5/4-5/5/5/5 5/5/5/5/5/5/5 5/5/5/5/5/5/5 5/5/5/5/5/5/5	D1	pass
Colour fastness to perspiration in alkalic sweat - two-layers laminated textile (Mesh) <ul style="list-style-type: none"> <li>- black colour</li> <li>- dark grey colour</li> <li>- grey-green colour</li> <li>- dark blue colour</li> <li>- bottle green colour</li> <li>- colour turquoise blue</li> <li>- light blue colour</li> <li>- colour fluorescent yellow-green</li> <li>- light violet colour</li> </ul>	used materials shall be colourfast min. 3 (degree of grey scale)	(degree of grey scale) <sup>3)</sup> 5/5/5/5/5/5/5 5/5/5/4-5/4-5/5/5 5/5/5/4-5/4-5/5/5 5/5/5/5/5/5/5 5/5/5/5/5/5/5 5/5/5/5/5/5/5 5/5/5/5/5/5/5 5/5/5/5/5/5/5 5/5/5/5/5/5/5 5/4-5/4-5/4-5/4/4-5/4-5 5/5/5/5/5/5/5	D1	pass

Table No. 6: Test results – backpacks OXY Sherpy

Tested parameter	Value required	Results obtained	No. of document <sup>1)</sup>	Assessment
- orange colour - bright pink colour - pink colour - light pink colour (nude)		5/5/5/4-5/5/5/5 5/5/5/5/5/5/5 5/5/5/5/5/5/5 5/5/5/5/5/5/5		

**Notes:**

- 1) *The documents listed in this column are the basis for the evaluation. The identification of the relevant documents is made in point 2.4 of this Final Report*
- 2) *Along / across*
- 3) *Degree of shade change / degree of embedding in the accompanying fabrics (acetate / cotton / polyamide / polyester / acrylic / wool)*
- 4) *Value given by the manufacturer, stated in the User Information*

**2.5. Assessment of the product conformity**

The test results taken from the Final Reports on the inspection of a certified product No. 323300070/2024, 323300072/2025 are relevant to current versions of the technical specifications (ie: to the requirements, criteria, and limits stated in them).

The results presented in the test reports, as listed in Clause 2.4 of this Report, prove that the properties of the assessed product (given in Clause 1.) meet the requirements of the technical specifications listed in Clause 2.1 to the extent specified in Clause 4.

**2.6. Instructions for use and marking**

Note: The language versions of the instructions for use, markings and warnings must comply with the national requirements of the countries of destination, to whose markets the product will be delivered.

The applicant submitted the instructions for use in the in Czech, Slovak, English, German and Hungarian language.

**Commentary:**

The applicant has provided the following documents:

- A label with the product name and manufacturer's name, including a link to the website. The labelling requirements are met in light of these facts.
- Instructions for use and maintenance that meet the requirements for this type of product

**3. Supervision of the production process**

Employees of the Institute for Testing and Certification, a.s. Zlín carried out an assessment of the production process on 2026-02-12. The findings are presented in the record of the assessment of the functioning of the production management system (prepared on 2026-02-12). The manufacturer submitted information on quality control system and complaints of certified products. The assessment of these documentation shows that the manufacturer has a sophisticated system of monitoring complaints and in the event of an increased number of product complaints, it draws conclusions. However, the number of complaints for all products sold - school backpacks is very low (statistically showing a long-term trend).

On the basis of the facts found, it can be concluded that:

- from the point of view of production quality assurance, Karton P+P spol. s r.o., Brno has the prerequisite for the correct functioning of the production quality system and
- the method of product control at Karton P+P spol. s r.o., Brno continues to ensure that products placed on the market comply with the applicable technical specification.

#### 4. Conclusions

The assessment was carried out on the basis of the documentation submitted by the applicant, the test results, the technical file of the product, according to the requirements of the technical specifications mentioned in Clause 2.1. of this Final Report.

The applicant is fully responsible for ensuring the conformity of production with the certified product.

The manufacturer is obliged to implement all necessary measures in the production process to guarantee the conformity of all products with the requirements of the technical specifications listed in Clause 2.1.

Consequent to the AoC, the team of assessors states that:

- The conformity with the requirements of the technical specifications listed in Clause 2.1 has been met in the full range of requirements, and **recommends issuing of the Certificate of Conformity.**

The validity of the certificate is conditioned by positive results of the surveillance tests.

The certificate holder is obliged to immediately notify the certification body of any changes concerning the properties of the certified product, technological process or quality management system, no later than the day when these changes have occurred.

Planned surveillance term: 02. – 04. 2027

Surveillance scope: Testing of samples (or inspection of samples)

#### 5. List of documents used during the AoC

- a) Conformity Assessment Contract No. 313301074, 2026-02-11
- b) Application for Certification No. 313301074, 2026-02-11
- c) Technical specification TS-ITC-337/2022 version 01:2022 "School backpacks and briefcases for the ITC brand - certified quality "
- d) Sampling Report No. 313301074, issued in ITC on 2026-02-12
- e) Accredited Laboratory Test Reports, issued in ITC, cited in Clause 2.4 of this final report
- f) Assessment/Test Records No. 313301074 No. 1 and 2, issued in ITC, cited in Clause 2.4 of this final report
- g) Final Report on the inspection of a certified product No. 323300070/2024, No. 323300072/2025, issued in ITC, cited in Clause 2.4 of this final report
- h) Record of the assessment of the production control system in company Karton P+P spol. s r.o., Brno, Czech Republic, dated 2026-02-12
- i) Technical documentation issued by company Karton P+P spol. s r.o., Brno, Czech Republic (Technical specification of products, leaflets, tags, instructions for use and maintenance in Czech, Slovak, English, German and Hungarian languages) delivered on 2026-02-12



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