

Test Report

No.: CANPC24002089902

Date: Mar 05, 2024

Page 1 of 3

Client Name: YUEYANG JIBORUI TECHNOLOGY CO.LTD

Client Address: OMPREHENSIVE BONDED ZONE, YUEYANG AREA, CHINA (HUNAN) PILOT FREE
TREDE ZONE

Sample Name: BAG NECK & END CAP

Material and Mark: HDPE

Client Ref. Information: ORIGINAL(WHITE)

The above sample(s) and information were provided by the client.

SGS Job No.: SZPC2401000475

Sample Receiving Date: Jan 29, 2024

Testing Period: Jan 29, 2024 ~ Feb 20, 2024

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

	Test Requirement	Conclusion
1	US FDA 21 CFR 177.1520 - Density at 23°C	Pass
2	US FDA 21 CFR 177.1520 - Extractable fraction	Pass
3	US FDA 21 CFR 177.1520 - Soluble fraction in Xylene	Pass

Kim Cai

Kim Cai

Approved Signatory

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Test Report

No.: CANPC24002089902

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Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	001	CAN24-0020899-0001.C001	White plastic part	HDPE

Remarks:

- (1) mg/dm² = milligram per square decimeter
mg/inch² = milligram per square inches
μg/cm² = microgram per square centimeter
mg/L = milligram per litre
mg/kg = milligram per kilogram
- (2) °C = degree Celsius
°F = degree Fahrenheit
- (3) <= less than
(4) RL = Reporting Limit
(5) ND = Not Detected (< RL).

US FDA 21 CFR 177.1520 - Density at 23°C

Test Method: With reference to US FDA 21 CFR 177.1520d(1).

Test Item(s)	Limit	Unit(s)	001
Density at 23°C	0.85-1.00	g/cm ³	0.948
Comment			Pass

US FDA 21 CFR 177.1520 - Extractable fraction

Test Method: With reference to US FDA 21 CFR 177.1520(d)(3)(ii).

Simulant used	Test Condition	Limit	Unit(s)	RL	001	Comment
n-Hexane	50°C, 2 hrs	5.5	%(w/w)	0.5	ND	Pass

US FDA 21 CFR 177.1520 - Soluble fraction in Xylene

Test Method: With reference to US FDA 21 CFR 177.1520(d)(4)(ii).

Test Item(s)	Limit	Unit(s)	RL	001
Soluble Fraction in Xylene	11.3	%(w/w)	0.5	1.6
Comment				Pass

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.



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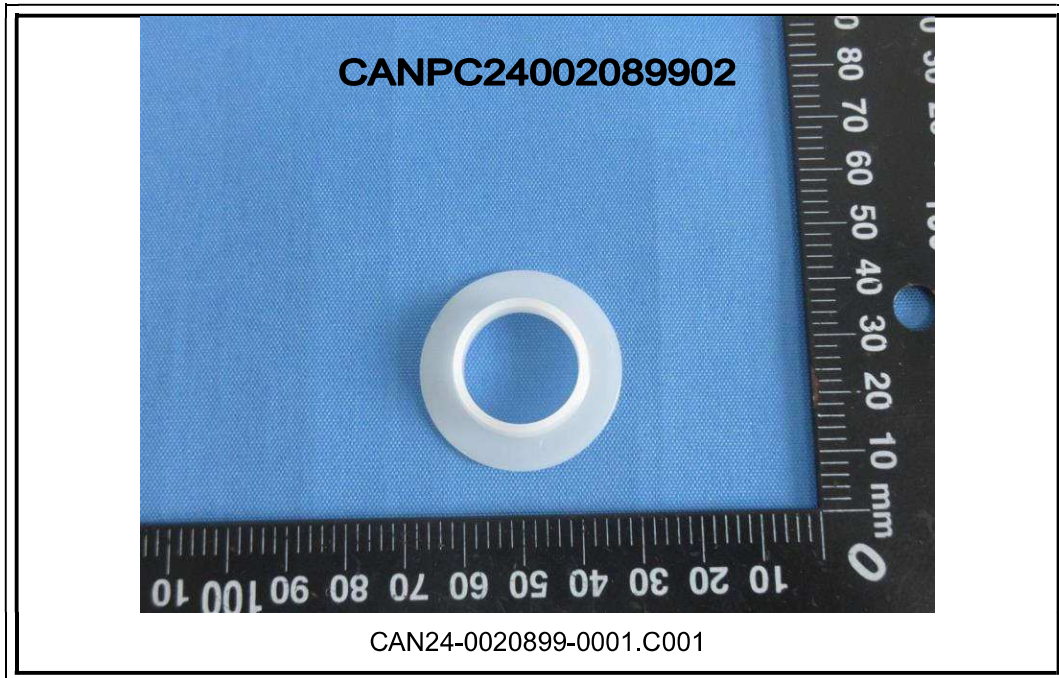
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Sample Photo:



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Test Report

No.: CANPC24002089602

Date: Mar 05, 2024

Page 1 of 3

Client Name: YUEYANG JIBORUI TECHNOLOGY CO.LTD

Client Address: OMPREHENSIVE BONDED ZONE, YUEYANG AREA, CHINA (HUNAN) PILOT FREE
TREDE ZONE

Sample Name: DIP TUBE

Material and Mark: HDPE

Client Ref. Information: ORIGINAL(WHITE)

The above sample(s) and information were provided by the client.

SGS Job No.: SZPC2401000474

Sample Receiving Date: Jan 29, 2024

Testing Period: Jan 29, 2024 ~ Feb 20, 2024

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

	Test Requirement	Conclusion
1	US FDA 21 CFR 177.1520 - Density at 23°C	Pass
2	US FDA 21 CFR 177.1520 - Extractable fraction	Pass
3	US FDA 21 CFR 177.1520 - Soluble fraction in Xylene	Pass

Kim Cai

Kim Cai

Approved Signatory

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Test Report

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Date: Mar 05, 2024

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Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	001	CAN24-0020896-0001.C001	White plastic tube	HDPE

Remarks:

- (1) mg/dm² = milligram per square decimeter
 mg/inch² = milligram per square inches
 µg/cm² = microgram per square centimeter
 mg/L = milligram per litre
 mg/kg = milligram per kilogram
- (2) °C = degree Celsius
 °F = degree Fahrenheit
- (3) <= less than
 (4) RL = Reporting Limit
 (5) ND = Not Detected (< RL).

US FDA 21 CFR 177.1520 - Density at 23°C

Test Method: With reference to US FDA 21 CFR 177.1520d(1).

Test Item(s)	Limit	Unit(s)	001
Density at 23°C	0.85-1.00	g/cm ³	0.948
Comment			Pass

US FDA 21 CFR 177.1520 - Extractable fraction

Test Method: With reference to US FDA 21 CFR 177.1520(d)(3)(ii).

Simulant used	Test Condition	Limit	Unit(s)	RL	001	Comment
n-Hexane	50°C, 2 hrs	5.5	%(w/w)	0.5	ND	Pass

US FDA 21 CFR 177.1520 - Soluble fraction in Xylene

Test Method: With reference to US FDA 21 CFR 177.1520(d)(4)(ii).

Test Item(s)	Limit	Unit(s)	RL	001
Soluble Fraction in Xylene	11.3	%(w/w)	0.5	0.8
Comment				Pass

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.



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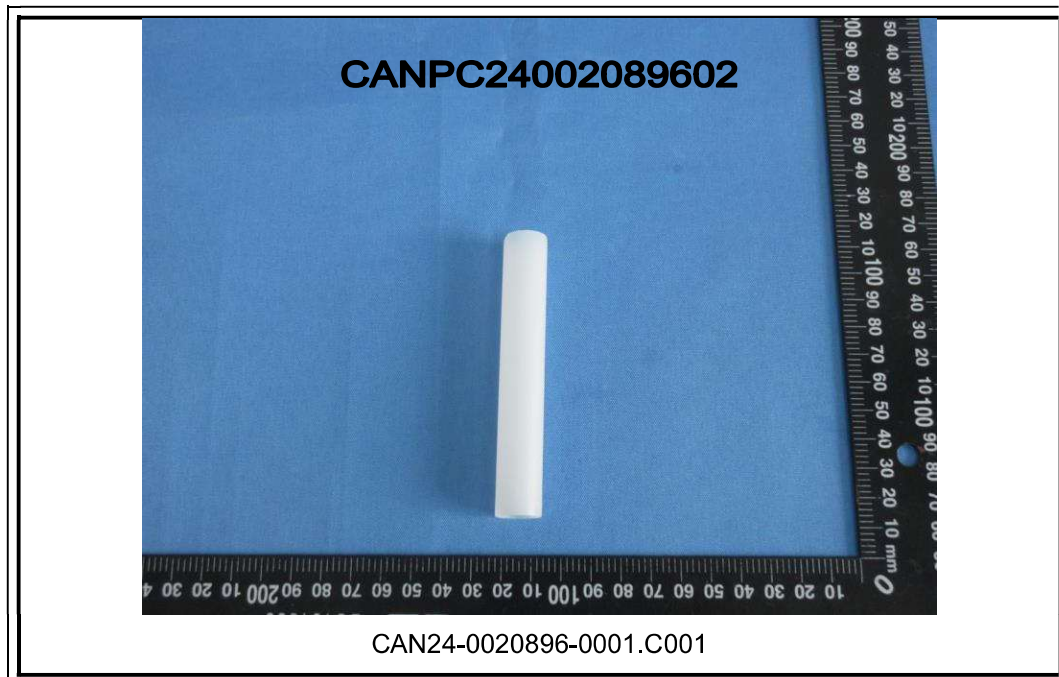
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Test Report

No.: CANPC24002090002

Date: Mar 12, 2024

Page 1 of 4

Client Name: YUEYANG JIBORUI TECHNOLOGY CO.LTD

Client Address: OMPREHENSIVE BONDED ZONE, YUEYANG AREA, CHINA (HUNAN) PILOT FREE
TREDE ZONE

Sample Name: BEER BAG

Material and Mark: LAMINATED FILM

Client Ref. Information: ORIGINAL (TRANSPARENT)

The above sample(s) and information were provided by the client.

SGS Job No.: SZPC2401000476

Sample Receiving Date: Jan 29, 2024

Testing Period: Jan 29, 2024 ~ Mar 08, 2024

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

	Test Requirement	Conclusion
1	US FDA 21 CFR 177.1520 - Density at 23°C	See Results
2	US FDA 21 CFR 177.1520 - Extractable fraction	Pass
3	US FDA 21 CFR 177.1520 - Soluble fraction in Xylene	Pass

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Ivy Ren

Ivy Ren

Approved Signatory

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Test Report

No.: CANPC24002090002

Date: Mar 12, 2024

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Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	001	CAN24-0020900-0001.C001	Transparent plastic part	LLDPE

Remarks:

- (1) mg/dm² = milligram per square decimeter
mg/inch² = milligram per square inches
μg/cm² = microgram per square centimeter
mg/L = milligram per litre
mg/kg = milligram per kilogram
- (2) °C = degree Celsius
°F = degree Fahrenheit
- (3) <= less than
- (4) RL = Reporting Limit
- (5) ND = Not Detected (< RL).

US FDA 21 CFR 177.1520 - Density at 23°C

Test Method: With reference to US FDA 21 CFR 177.1520d(1).

Test Item(s)	Limit	Unit(s)	001
Density at 23°C	0.85-1.00	g/cm ³	1.057#

Notes:

1. The FDA tests are intended for the raw/virgin polymer material. Since this was not available, the finished article was tested, and this testing included the polymer and all the other substances that were added during the manufacturing process. It is recommended that the physical parameters be tested on the raw/virgin polymer material.
2. # = Exceeds the limit

US FDA 21 CFR 177.1520 - Extractable fraction

Test Method: With reference to US FDA 21 CFR 177.1520(d)(3)(ii).

Simulant used	Test Condition	Limit	Unit(s)	RL	001	Comment
n-Hexane	50°C, 2 hrs	5.5	%(w/w)	0.5	ND	Pass

US FDA 21 CFR 177.1520 - Soluble fraction in Xylene

Test Method: With reference to US FDA 21 CFR 177.1520(d)(4)(ii).

Test Item(s)	Limit	Unit(s)	RL	001
Soluble Fraction in Xylene	11.3	%(w/w)	0.5	1.9



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Date: Mar 12, 2024

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Test Item(s)	Limit	Unit(s)	RL	001
Comment				Pass

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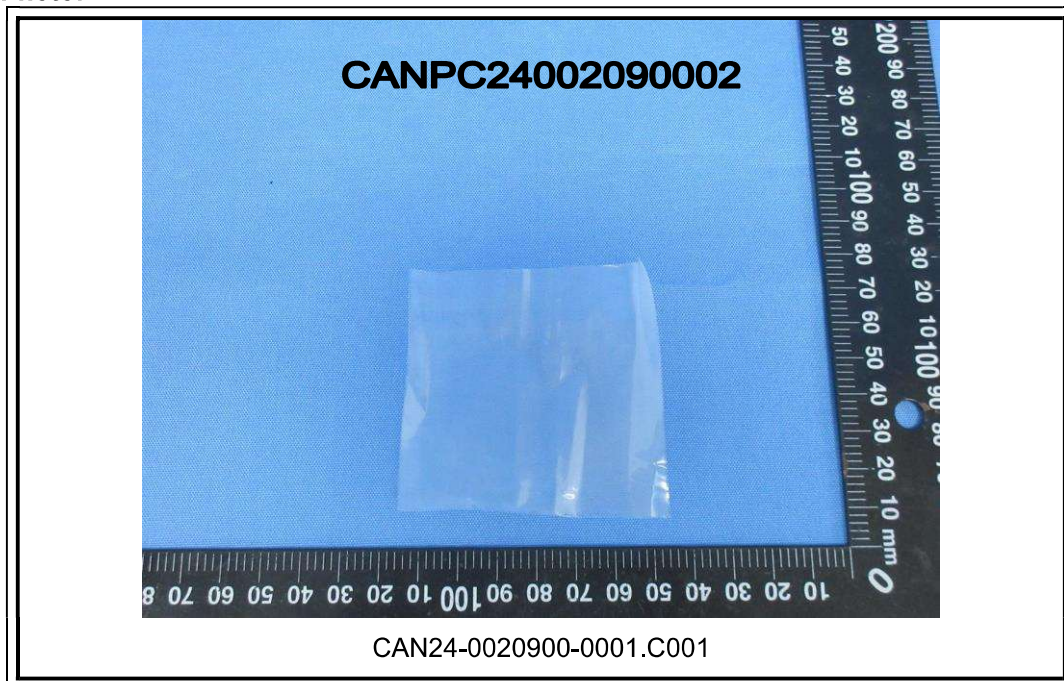
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Test Report

No.: CANPC24002089101

Date: Mar 05, 2024

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Client Name: YUEYANG JIBORUI TECHNOLOGY CO.LTD

Client Address: OMPREHENSIVE BONDED ZONE, YUEYANG AREA, CHINA (HUNAN) PILOT FREE
TREDE ZONE

Sample Name: VALVES

Material and Mark: PA+GF

Client Ref. Information: ORIGINAL(WHITE)

The above sample(s) and information were provided by the client.

SGS Job No.: SZPC2401000473

Sample Receiving Date: Jan 29, 2024

Testing Period: Jan 29, 2024 ~ Feb 23, 2024

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

	Test Requirement	Conclusion
1	US FDA 21 CFR 177.1500 - Specific Gravity at 23°C	See Results
2	US FDA 21 CFR 177.1500 - Melting Point	Pass
3	US FDA 21 CFR 177.1500 - Solubility in Boiling 4.2N HCl	Pass
4	US FDA 21 CFR 177.1500 - Maximum Extractable Fraction	Pass

Kim Cai

Kim Cai

Approved Signatory

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Test Report

No.: CANPC24002089101

Date: Mar 05, 2024

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Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	001	CAN24-0020891-0001.C001	Lt-grey plastic part	PA6+GF

Remarks:

- (1) mg/dm² = milligram per square decimeter
 mg/inch² = milligram per square inches
 µg/cm² = microgram per square centimeter
 mg/L = milligram per litre
 mg/kg = milligram per kilogram
- (2) °C = degree Celsius
 °F = degree Fahrenheit
- (3) <= less than
 (4) RL = Reporting Limit
 (5) ND = Not Detected (< RL).

US FDA 21 CFR 177.1500 - Specific Gravity at 23°C

Test Method: With reference to US FDA 21 CFR 177.1500.

Test Item(s)	Limit	Unit(s)	001
Specific Gravity at 23°C	1.135-1.165	g/cm ³	1.244 [#]

Notes:

(1) The US FDA tests are intended for the raw/virgin polymer material. Since this was not available, the finished article was tested, and this testing included the polymer and all the other substances that were added during the manufacturing process. It is recommended that the physical parameters be tested on the raw/virgin polymer material.

US FDA 21 CFR 177.1500 - Melting Point

Test Method: With reference to US FDA 21 CFR 177.1500.

Test Item(s)	Limit	Unit(s)	001
Melting Point	392-446	°F	430.7
Comment			Pass

US FDA 21 CFR 177.1500 - Solubility in Boiling 4.2N HCl

Test Method: With reference to US FDA 21 CFR 177.1500.

Test Item(s)	Limit	001
Solubility in Boiling 4.2N HCl	Dissolves in 1 hour	Dissolved
Comment		Pass



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US FDA 21 CFR 177.1500 - Maximum Extractable Fraction

Test Method: With reference to US FDA 21 CFR 177.1500.

Simulant used	Test Condition	Limit	Unit(s)	RL	001	Comment
95% Ethanol	Reflux Temperature, 8 hrs	2.0	%(w/w)	0.05	0.09	Pass
Benzene	Reflux Temperature, 8 hrs	1.0	%(w/w)	0.05	ND	Pass
Ethyl Acetate	Reflux Temperature, 8 hrs	1.0	%(w/w)	0.05	ND	Pass
Distilled water	Reflux Temperature, 8 hrs	1.0	%(w/w)	0.05	0.34	Pass

Remark: #= Exceeds the limit

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.



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Client Name: YUEYANG JIBORUI TECHNOLOGY CO.LTD

Client Address: OMPREHENSIVE BONDED ZONE, YUEYANG AREA, CHINA (HUNAN) PILOT FREE
TREDE ZONE

Sample Name: SPRING & SCREW

Material and Mark: STAINLESS STEEL 304

Client Ref. Information: METAL

The above sample(s) and information were provided by the client.

SGS Job No.: SZPC2401000478

Sample Receiving Date: Jan 29, 2024

Testing Period: Jan 29, 2024 ~ Feb 20, 2024

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

	Test Requirement	Conclusion
1	Stainless steel for food contact use in US - Total Chromium content	Pass

Kim Cai

Kim Cai

Approved Signatory

SGS-CSI Standards Technical Services Co., Ltd.
Guangzhou Branch

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Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	001	CAN24-0020905-0001.C001	Silvery metal part	Stainless steel

Remarks:

- (1) mg/dm² = milligram per square decimeter
mg/inch² = milligram per square inches
μg/cm² = microgram per square centimeter
mg/L = milligram per litre
mg/kg = milligram per kilogram
- (2) °C = degree Celsius
°F = degree Fahrenheit
- (3) <= less than
- (4) RL = Reporting Limit
- (5) ND = Not Detected (< RL).

Stainless steel for food contact use in US - Total Chromium content

Test Method: SGS In-house method (GZTC CHEM-TOP-044-28 or GZTC CHEM-TOP-175-01), followed by ICP-OES or titration method.

Test Item(s)	Limit	Unit(s)	RL	001
Total Chromium	≥10.5	%	0.01	18.5
Comment				Pass

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.



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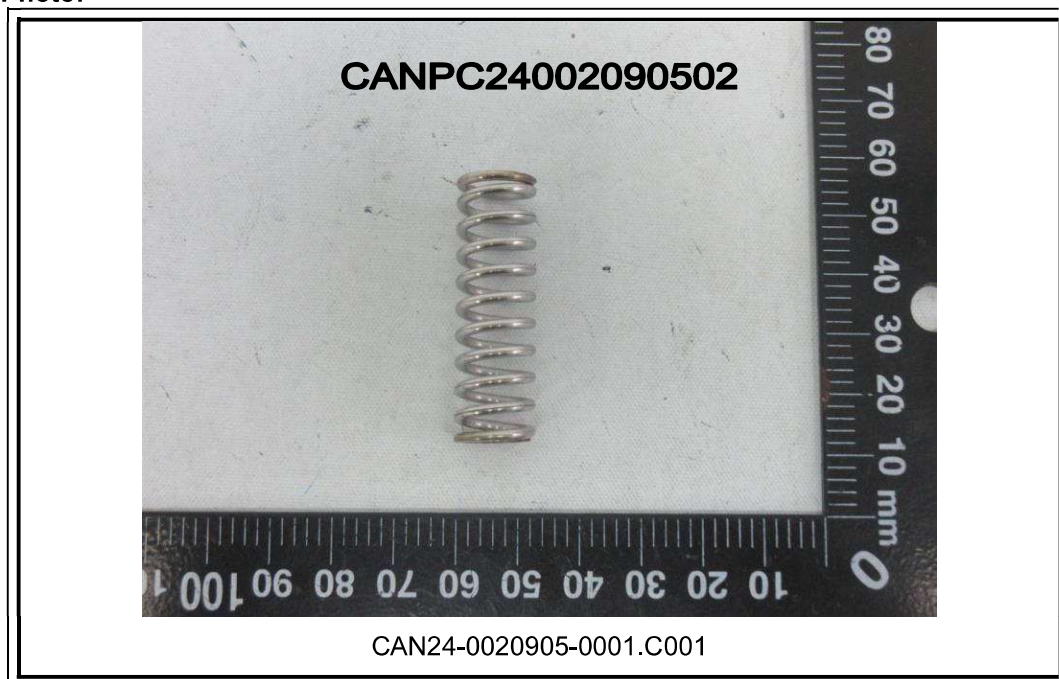
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