



## Test Report

**Report No.** THZJ19041817762 -EN

**Date:** Apr. 30, 2019

The following information was/were submitted and identified by/on behalf of the client:

Applicant : NINGBO PACE PNEUMATICS COMPONENT CO.,LTD  
Address : ROOM 105, BUILDING 12, NO. 39 XURONG ROAD LIN,YINZHOU, NINGBO,  
ZHEJIANG PROVINCE, P.R.CHINA  
Sample Name : STAINLESS STEEL FITTINGS  
Sample Model : SSC08-G02  
Exported to : Europe  
Sample Receive Date : Apr. 22, 2019  
Sample Testing Period : Apr. 22, 2019 - Apr. 30, 2019

Test Result Summary:

As requested by the applicant, for details refer to attached page(s).

TEST ITEM(S)	TEST REQUESTED	CONCLUSION(S)
Migration of Heavy Metals content	Council of Europe Resolution CM/Res(2013)9	PASS
Specific Migration of Primary Aromatic Amines	European Commission AP(2004)4	PASS

Authorized Signature



for and on behalf of  
Shanghai Global Testing Services Co., Ltd.

Shi Lei/Kevin

General Manager -GTS/SHO

## Test Report

Report No. THZJ19041817762 -EN

Date: Apr. 30, 2019

Test Result(s):

Test Part Description

Sample No.	Client Claimed Material	Sample Description
<u>01</u>	Stainless steel	Silvery metal head
<u>02</u>	Rubber	Green rubber ring

### 1. Migration of Heavy Metals content

Test method: CM/Res (2013) 9

<u>Item No.</u>	<u>Test Items</u>	<u>Sum of 1<sup>st</sup> &amp; 2<sup>nd</sup> Migrate (mg/kg)</u>		<u>3<sup>rd</sup> Migrate (mg/kg)</u>	
		<u>01</u>		<u>01</u>	
		<u>Limit (7 X SRL)</u>	<u>Results</u>	<u>Limit (SRL)</u>	<u>Result(s)</u>
1	Aluminum (Al)	35	<1	5	<0.1
2	Antimony (Sb)	0.28	<0.05	0.04	<0.02
3	Chromium (Cr)	1.75	<0.1	0.25	<0.1
4	Cobalt (Co)	0.14	<0.05	0.02	<0.01
5	Copper (Cu)	28	<1	4	<0.1
6	Iron (Fe)	280	<1	40	<1
7	Manganese (Mn)	12.6	<0.5	1.8	<0.1
8	Molybdenum (Mo)	0.84	<0.05	0.12	<0.02
9	Nickel (Ni)	0.98	<0.05	0.14	<0.05
10	Silver (Ag)	0.56	<0.10	0.08	<0.05
11	Tin (Sn)	700	<1	100	<1
12	Vanadium (V)	0.07	<0.05	0.01	<0.01
13	Zinc (Zn)	35	<1	5	<1
14	Arsenic (As)	0.014	<0.005	0.002	<0.002
15	Barium (Ba)	8.4	<0.5	1.2	<0.1
16	Beryllium (Be)	0.07	<0.01	0.01	<0.01
17	Cadmium (Cd)	0.035	<0.01	0.005	<0.005
18	Lead (Pb)	0.07	<0.01	0.01	<0.01
19	Lithium (Li)	0.336	<0.05	0.048	<0.02
20	Mercury (Hg)	0.021	<0.01	0.003	<0.003
21	Thallium (Tl)	0.0007	<0.0005	0.0001	<0.0001

## Test Report

Report No. THZJ19041817762 -EN

Date: Apr. 30, 2019

<u>Item No.</u>	<u>Test Items</u>	<u>Sum of 1<sup>st</sup> &amp; 2<sup>nd</sup> Migrate (mg/kg)</u>		<u>3<sup>rd</sup> Migrate (mg/kg)</u>	
		<u>01</u>		<u>01</u>	
		<u>Limit (7 X SRL)</u>	<u>Results</u>	<u>Limit (SRL)</u>	<u>Result(s)</u>
22	Magnesium(Mg)	-	<0.5	-	<0.5
23	Titanium(Ti)	-	<0.5	-	<0.5
<u>Conclusion(s)</u>			PASS	/	PASS

- Note:**
1. Test condition: 1 hour at 100°C, using artificial tap water;
  2. Artificial tap water was prepared according to German Standard DIN 10531:2011-06;
  3. "<"= less than;
  4. The sum of the results of the first and second migrates should not be exceed seven times of the SRL;
  5. SRL= Specific Release Limits;
  6. The maximum specific release limit(s) was (were) referenced from Metals and Alloys used in Food Contact Materials and articles - A Practical Guide to Manufacturers and Regulators (2013 1st Edition) published by European Directorate for the Quality of Medicines and HealthCare (EDQM), Chapter 1, Article 4, Tables 1 and 2;
  7. Appropriate test condition(s) was (were) selected according to Guidelines on Testing Conditions for Articles in Contact with Foodstuffs (With a Focus on Kitchenware) (2009 1st Edition) published by European Commission Joint Research Center (JRC).

### 2. Specific Migration of Primary Aromatic Amines

**Test Method:** BVL L 00.00-6: 1995+AC: 2002

<u>Simulant used</u>	<u>Test condition</u>	<u>Maximum permissible limit (mg/kg)</u>	<u>Result(s) (mg/kg)</u>	<u>Conclusion(s)</u>
			<u>02</u>	
3% Acetic Acid (W/V) Aqueous Solution	1 hour at 100°C	0.01	< 0.01	PASS

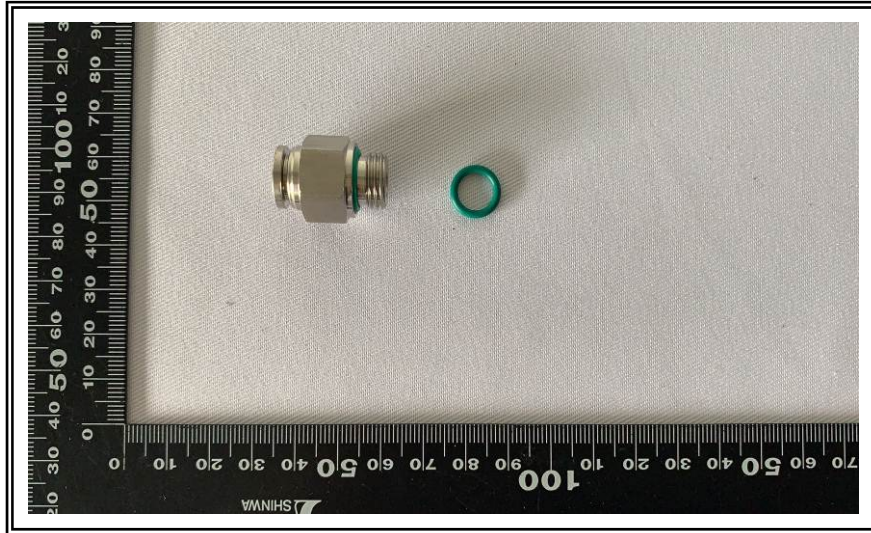
- Note:**
1. mg/kg = milligram per kilogram food simulant;
  2. "<" = less than.

## Test Report

**Report No.** THZJ19041817762 -EN

**Date:** Apr. 30, 2019

**Sample Photo(s):**



**\*\*\*End of Report\*\*\***