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

For and on behalf of

Shanghai Global Testing Services Co., Ltd.

Authorized Signature

Shi Lei/Kevin
General Manger -GTS/SHO

Test Result(s):

Shanghai Global Testing Services Co., Ltd.
No. 968 Meilong West Road, Minhang District, Shanghai,201104 China
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Test Part Description

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

1. Migration of Heavy Metals content

Test method: CM/Res (2013) 9

Item No.	Test Items	Sum of 1st & 2nd Migrate (mg/kg)		3rd Migrate (mg/kg)	
		01		01	
		Limit (7 X SRL)	Results	Limit (SRL)	Result(s)
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
22	Magnesium(Mg)	-	<0.5	-	<0.5

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

Note: 1. Test condition: 1 hour at 100℃, 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

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

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

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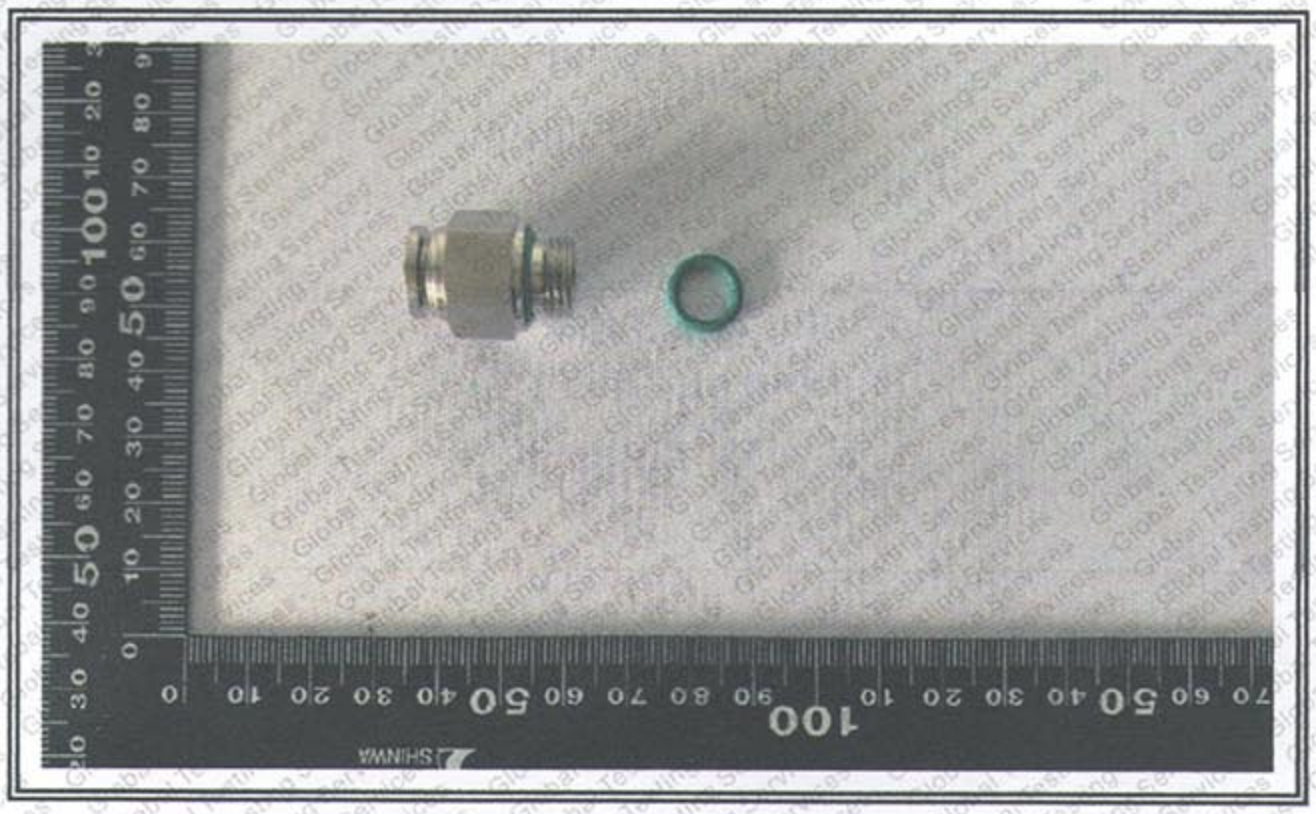
Sample Photo(s):



End of Report

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