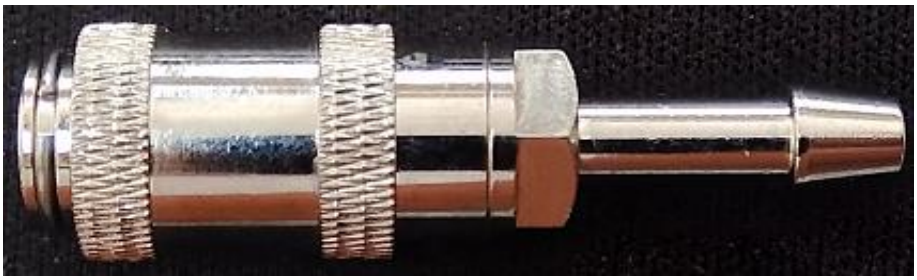
Customer: Confidential	NIBP Connector Customer Test Results

Number : 038/CSR-QC/VI/2025
Product : NIBP Connector
Customer : Confidential
Vendor : Shenzen Inte-Auto Co., LTD
Quantity : 6 pairs
Refference : N/A

Received date : 10/06/2025
Issued date : 10/06/2025

Sample :



Inspection :

I. Visual

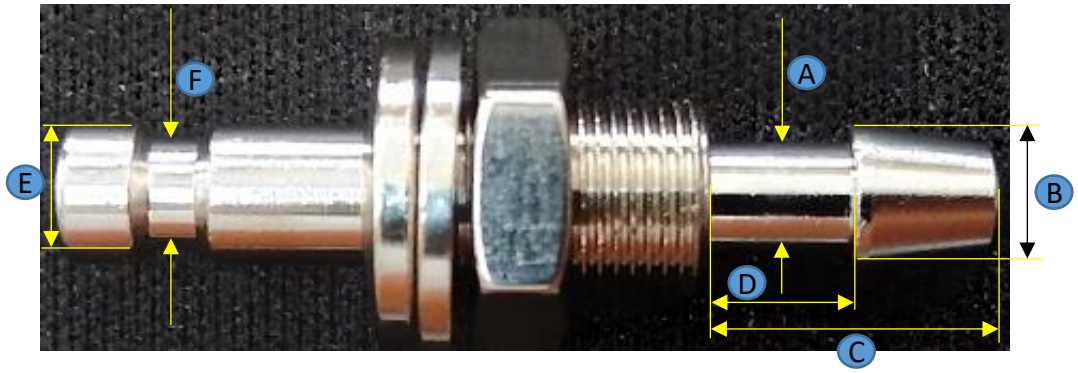
Inspection :

Point of Check	Sample					
	1	2	3	4	5	6
1. Surface	Good	Good	Good	Good	Good	Good
2. Chrome plated	Good	Good	Good	Good	Good	Good
3. Scratch	Good	Good	Good	Good	Good	Good
4. Rust	Good	Good	Good	Good	Good	Good
Result	**OK**	**OK**	**OK**	**OK**	**OK**	**OK**

II. Dimension

Tools : Caliper

1. Female Connector (BP15)

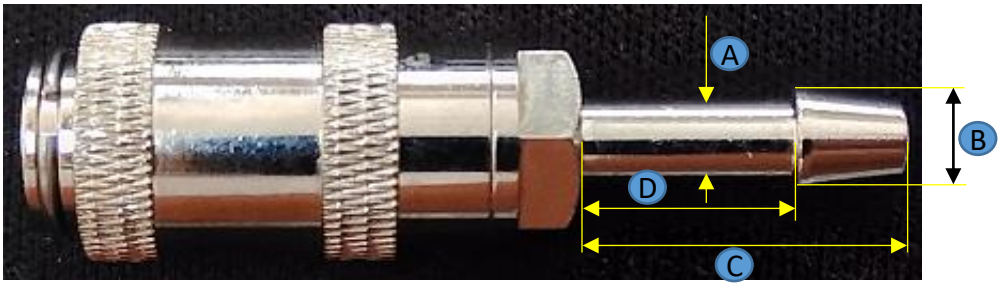


Measurement :

Sample	Point of Check (mm)						Result
	A	B	C	D	E	F	
1	3.99	5.40	8.91	4.38	4.97	3.97	OK
2	3.99	5.39	8.91	4.40	4.98	3.97	OK
3	3.99	5.40	8.92	4.39	4.99	3.98	OK
4	3.99	5.40	8.92	4.40	4.98	3.97	OK
5	3.98	5.39	8.93	4.41	4.97	3.97	OK
6	4.00	5.40	8.92	4.39	4.98	3.97	OK

Tolerance :

2. Male Connector (BP16)



Measurement :

Sample	Point of Check (mm)				Result
	A	B	C	D	
1	3.99	5.14	13.08	8.56	OK
2	3.99	5.14	13.09	8.56	OK
3	3.99	5.14	13.08	8.56	OK
4	3.99	5.13	13.09	8.54	OK
5	3.99	5.13	13.08	8.55	OK
6	3.99	5.13	13.07	8.56	OK

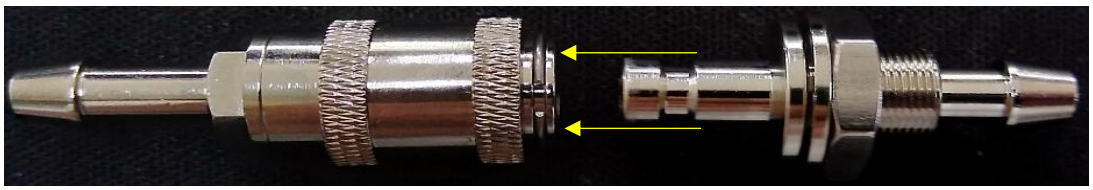
Note :

RBP-100 has outer diameter 5.13 mm for barbed end (point B)

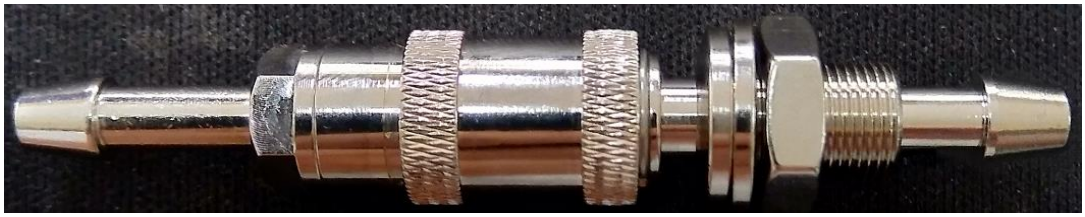
III. Assembling

1. Connecting connector

Male and female connector are connected as picture below :



Result :

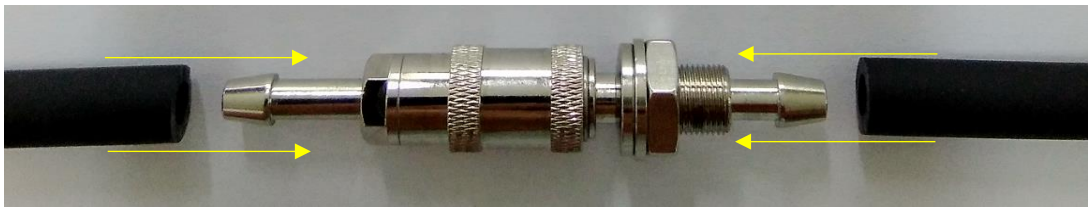


Explanation :

Sample	Inpection	Result
1	Sample easy to connect and can not be released	OK
2	Sample easy to connect and can not be released	OK
3	Sample easy to connect and can not be released	OK
4	Sample easy to connect and can not be released	OK
5	Sample easy to connect and can not be released	OK
6	Sample easy to connect and can not be released	OK

2. Assemble with pvc tubing

PVC tubing connecting with metal connector :



Result :

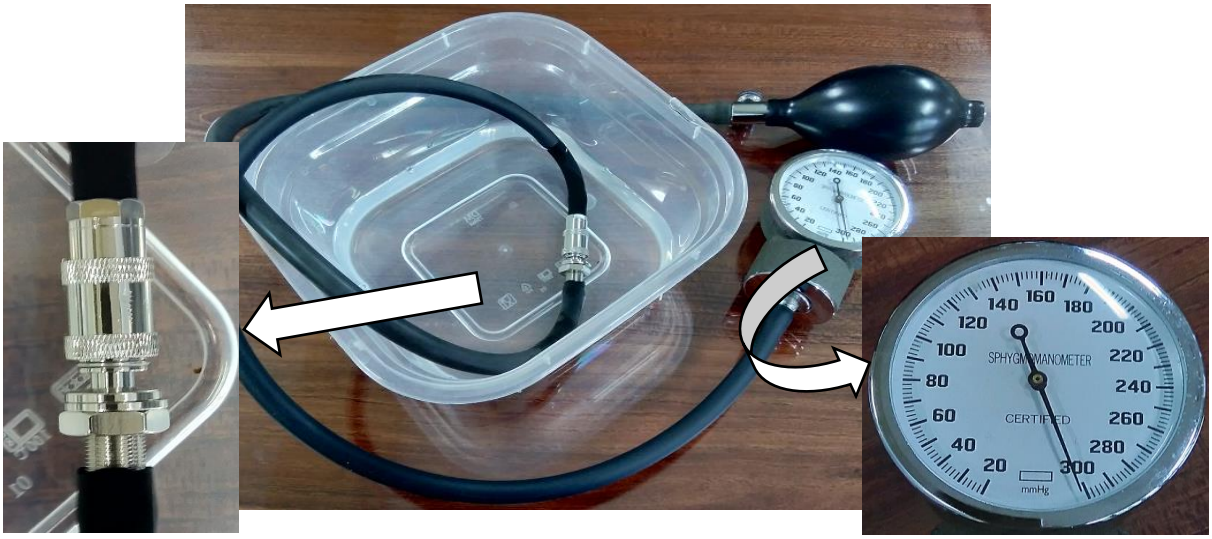
Explanation :

Sample	Inpection	Tensile Test (N)		Result
		Male	Female	
1	PVC tube easy to connect and easy to be released	9.80	11.30	OK
2	PVC tube easy to connect and easy to be released	9.30	11.40	OK
3	PVC tube easy to connect and easy to be released	9.20	11.70	OK
4	PVC tube easy to connect and easy to be released	9.10	11.60	OK
5	PVC tube easy to connect and easy to be released	10.50	12.00	OK
6	PVC tube easy to connect and easy to be released	8.90	12.30	OK

IV. Leakage Test

Method : The sample was given a pressure of 300 mmHg. There must be no leakage.

Picture :



Result :

Sample	Observation	Result
1	No leakage during test	OK
2	No leakage during test	OK
3	No leakage during test	OK
4	No leakage during test	OK
5	No leakage during test	OK
6	No leakage during test	OK

V. Decision

Sample recommend to accepted

Inspected by	Approved by
Wendi Kartiwan	Yudi Kurniawan
Quality Control	QC Dept Head