Robot-Flex®

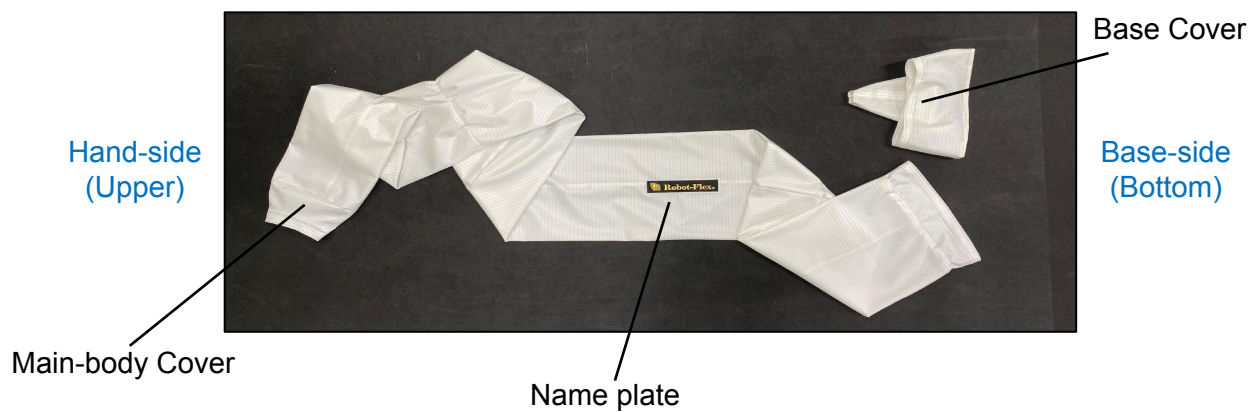## Assembly Instructions for FANUC CRX series (Models: NRF3 or 6)

Thank you for choosing NABELL Robot-Flex. The below, will help guide you in installing the cover properly.

Installation Precautions

- The images of the products shown are for reference only. Your model may vary slightly
- Remove any peripheral devices before installing the cover to minimize any risk of damage.
- Verify the robot is at rest and powered off before installing your Robot-Flex cover.
- Installation and removal should be performed slowly and carefully.
- Excessive force may cause damage to the robot, cover and/or cause personal injury.
- After installing the cover, check for gaps at the joined areas. Adjust, if necessary.
- Manually move robot, about all axis of rotation to insure smooth movement, before powering on

1. Components

Base Cover

Hand-side (Upper)

Base-side (Bottom)

Main-body Cover

Name plate

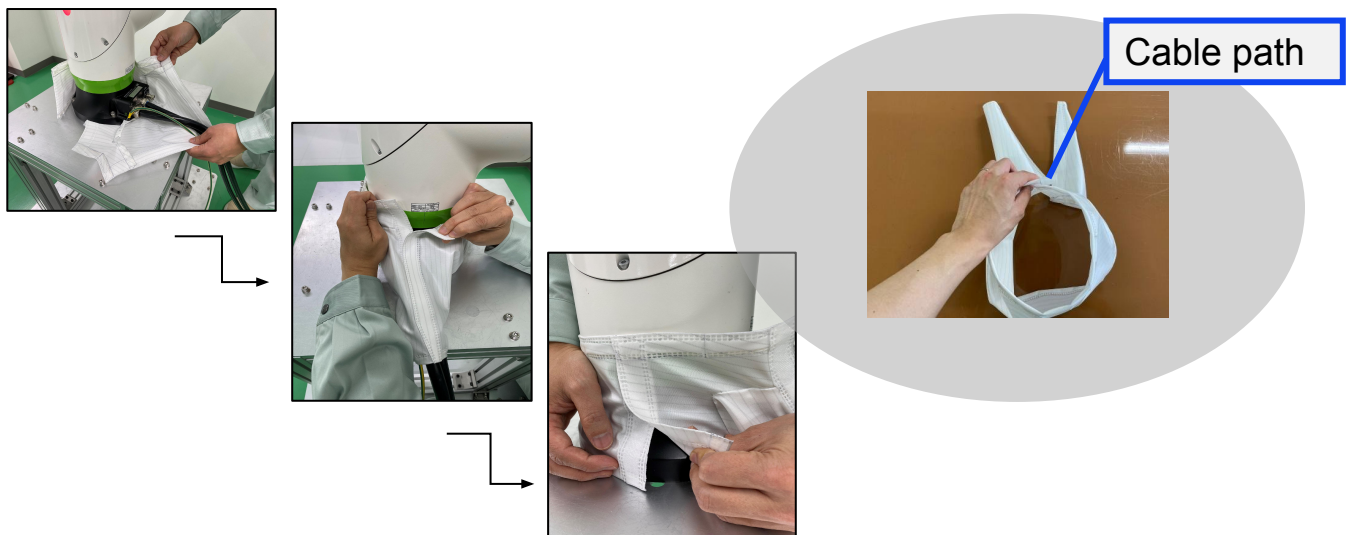## 2. Installation Procedures

① Robot Position

Move the robot to the position shown in the picture. However, feel free to adjust the robot position as the installation procedures go.

Hand-side (Upper)

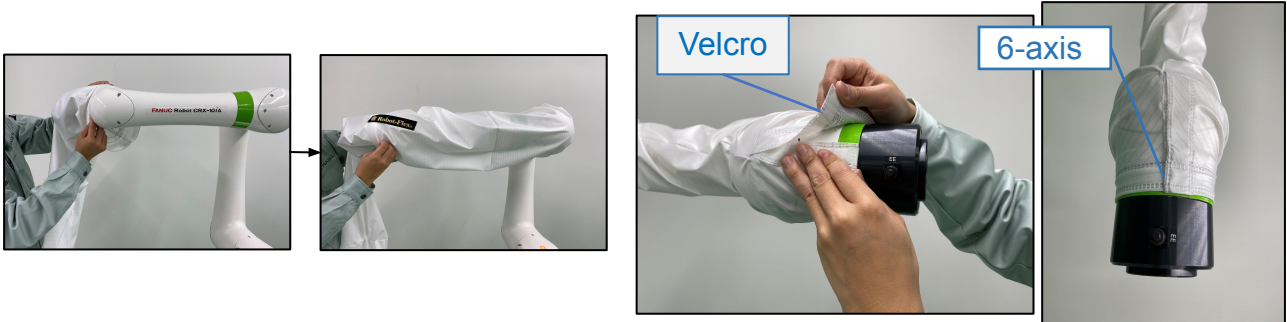Base-side (Bottom)

② Base Cover

- Detach Velcro and mount the cover from both sides by wrapping around the robot base.
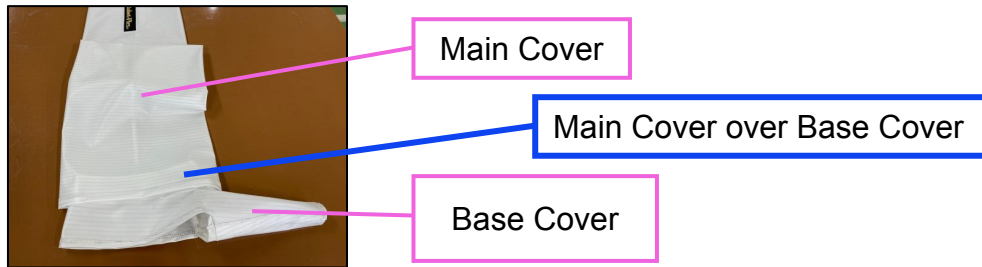- Locate the horn-shaped ledge to the cable path area and tightly fasten the Velcro.

Cable path

③ Main-Body Cover
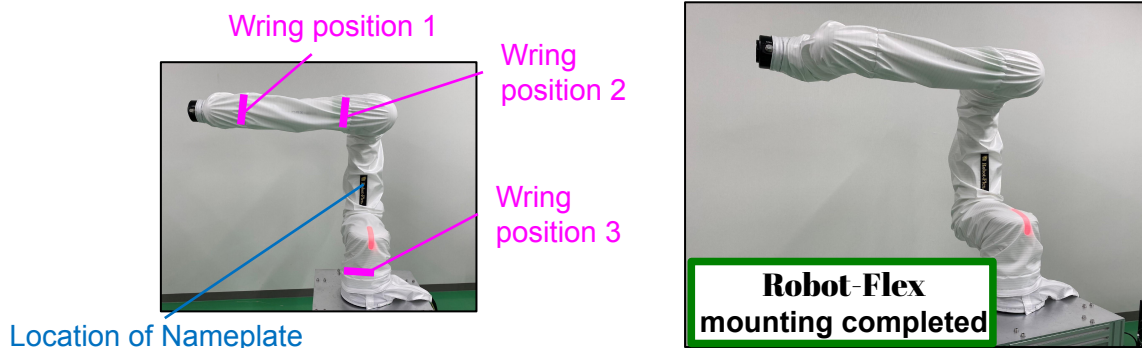

Hand-side
(small open end)

Base-side
(large open end)

- Make sure the Robot-Flex is not upside-down. Put the Robot-Flex on the robot from the base side (large open end) first.
- Slide the base side down to the base of the robot.
- On the Hand-side (small open end), detach Velcro temporarily and complete mounting.
- Tightly reattach the Velcro being careful of any gaps.

Velcro   6-axis

- Base-side (large open end) of the cover is mounted over the base cover.

Main Cover

Main Cover over Base Cover

Base Cover

- Adjust the cover position as each Wring position is indicated in the left picture below.

Wring position 1

Wring position 2

Wring position 3

Location of Nameplate

Robot-Flex mounting completed

Operational Check
- Slowly move arms by hand while checking for binds and gaps.
- Adjust cover, joint attachments and alignment as necessary before powering on.

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