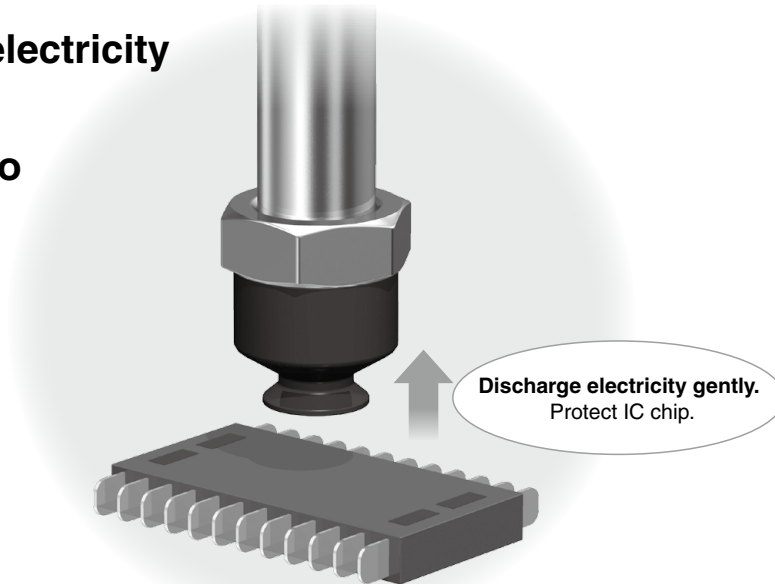


# Vacuum Pad: Semiconductive Silicone Rubber

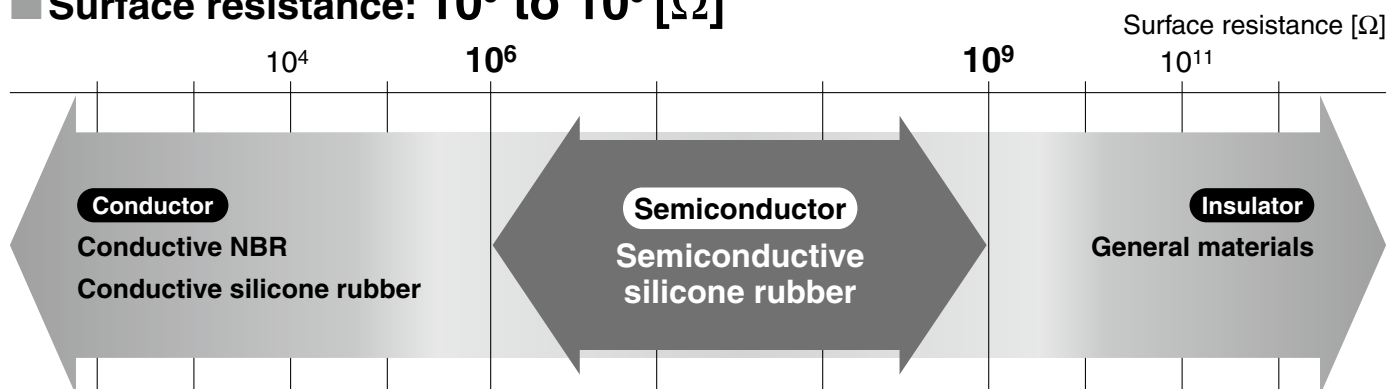
Pad diameter:  $\varnothing 4$ ,  $\varnothing 6$ ,  $\varnothing 8$ ,  $\varnothing 10$ ,  $\varnothing 13$ ,  $\varnothing 16$

Pad form: Flat type with groove

- Discharge static electricity gently.  
Prevent damage to electronic parts.



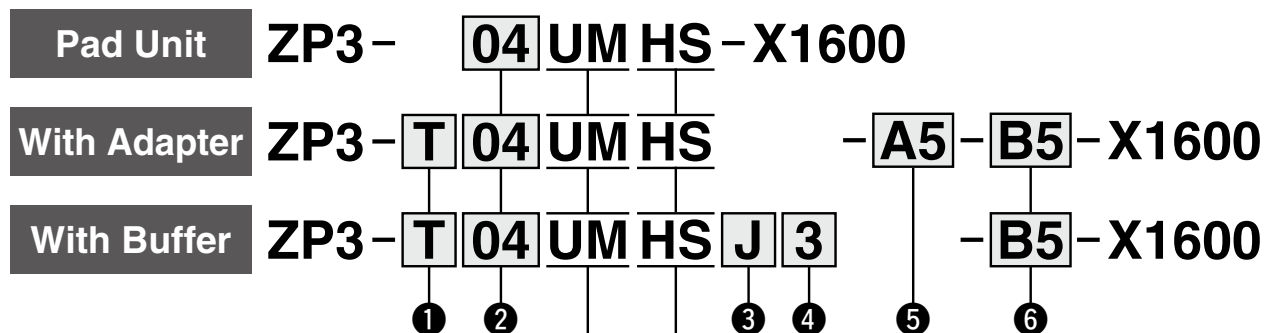
- Surface resistance:  $10^6$  to  $10^9$  [ $\Omega$ ]



**ZP3-X1600**

# ZP3-X1600

## How to Order



Pad form: Flat type with groove • Pad material: Semiconductive silicone rubber

### 1 Vacuum inlet direction

| Nil | Pad unit |
|-----|----------|
| T   | Vertical |
| Y   | Lateral  |

### 2 Pad diameter

|    |     |
|----|-----|
| 04 | ø4  |
| 06 | ø6  |
| 08 | ø8  |
| 10 | ø10 |
| 13 | ø13 |
| 16 | ø16 |

### 3 Buffer specification

|    |                        |
|----|------------------------|
| J  | Rotating               |
| JB | Rotating, With bushing |
| K  | Non-rotating           |

### 4 Buffer stroke

| Stroke [mm] | Buffer specification |    |   |
|-------------|----------------------|----|---|
|             | J                    | JB | K |
| 3           | ●                    | —  | ● |
| 6           | ●                    | —  | ● |
| 10          | ●                    | —  | ● |
| 15          | —                    | ●  | ● |
| 20          | —                    | ●  | ● |

## With Adapter

### 5 Connection/ 6 Vacuum inlet

○: ZP3-T/Vertical ●: ZP3-Y/Lateral

| 5 Connection  |        |            | 6 Vacuum inlet    |        | Pad diameter [mm]          |                     |
|---------------|--------|------------|-------------------|--------|----------------------------|---------------------|
| Thread        | Symbol | Connection | Inlet type        | Symbol | Vacuum inlet               | ø4 to ø8 ø10 to ø16 |
| Male thread   | A5     | M5 x 0.8   | —                 | Nil    | —                          | ○ ○                 |
|               |        |            | Female thread     | B5     | M5 x 0.8                   | ○ —                 |
|               |        |            | One-touch fitting | 02     | ø2                         | ○ —                 |
|               | A10    | M10 x 1    | One-touch fitting | 04     | ø4                         | ○ —                 |
|               |        |            | Barb fitting      | U2     | For ø2 polyurethane tubing | ○ —                 |
|               |        |            | Barb fitting      | U4     | For ø4 soft tubing*1       | ○ —                 |
|               | A12    | M12 x 1    | Female thread     | B5     | M5 x 0.8                   | — ○                 |
|               |        |            | One-touch fitting | 02     | ø2                         | — ○                 |
|               |        |            | One-touch fitting | 04     | ø4                         | — ○                 |
|               |        |            | One-touch fitting | 06     | ø6                         | — ○                 |
|               |        |            | Barb fitting      | U2     | For ø2 polyurethane tubing | — ○                 |
|               |        |            | Barb fitting      | U4     | For ø4 soft tubing*1       | — ○                 |
| Female thread | B5     | M5 x 0.8   | Barb fitting      | U6     | For ø6 soft tubing*1       | — ○                 |
|               |        |            | —                 | Nil    | —                          | ○ ○                 |
|               |        |            | Female thread     | B5     | M5 x 0.8                   | ● ●                 |
|               |        |            | One-touch fitting | 02     | ø2                         | ● ●                 |
|               |        |            | One-touch fitting | 04     | ø4                         | ● ●                 |
|               |        |            | One-touch fitting | 06     | ø6                         | — ●                 |

\*1 Soft nylon/Polyurethane tube piping

## With Buffer

### 6 Vacuum inlet

○: ZP3-T/Vertical ●: ZP3-Y/Lateral

|                   | Symbol | Vacuum inlet               | Pad diameter [mm] |            |
|-------------------|--------|----------------------------|-------------------|------------|
|                   |        |                            | ø4 to ø8          | ø10 to ø16 |
| Female thread     | B5     | M5 x 0.8                   | ○●                | ○●         |
| One-touch fitting | 02     | ø2                         | ○●                | ○●         |
|                   | 04     | ø4                         | ○●                | ○●         |
|                   | 06     | ø6                         | —                 | ○●         |
| Barb fitting      | U2     | For ø2 polyurethane tubing | ○●                | ○●         |
|                   | U4     | For ø4 soft tubing*1       | ○●                | ○●         |
|                   | U6     | For ø6 soft tubing*1       | —                 | ○●         |

\*1 Soft nylon/Polyurethane tube piping

\* It is not necessary to select a connection.

\* The pad, mounting nut, and fitting are shipped together but do not come assembled.

Specifications and dimensions (pad unit, type with adapter, and type with buffer) are the same as those of the ZP3 series. For details, refer to the **Web Catalog**.

**⚠ Safety Instructions** Be sure to read the “Handling Precautions for SMC Products” (M-E03-3) and “Operation Manual” before use.