

# UNIVERSAL ENCLOSURES

## Multi-Purpose Cases

Multi-purpose ABS cases, designed for a broad range of applications

- Universal plastic enclosure with screw fastening.
- Available in 23 sizes in two colours: white & black.
- Suitable for measuring instruments, testing devices, wireless communication devices, medical devices etc.
- Black enclosures UL94-HB.
- White enclosures UL94-V0 (UL94-V1 indicated with \*)

TAKACHI



### Black Enclosure

| SIZE | MANUFACTURER PART NO. | LENGTH | WIDTH  | HEIGHT |
|------|-----------------------|--------|--------|--------|
| 1    | TW4-2-5B              | 50mm   | 35mm   | 20mm   |
| 2    | TW4-2-6B              | 60mm   | 35mm   | 20mm   |
| 3    | TW4-2-8B              | 80.3mm | 40.3mm | 20mm   |
| 4    | TW5-2-7B              | 70mm   | 50mm   | 15mm   |
| 5    | TW5-3-7B              | 70mm   | 50mm   | 27.5mm |
| 6    | TW5-4-7B              | 70mm   | 50mm   | 40mm   |
| 7    | TW5-3-9B              | 90mm   | 45mm   | 25mm   |
| 8    | TW7-2-11B             | 105mm  | 70mm   | 20mm   |
| 9    | TW7-4-11B             | 105mm  | 70mm   | 35mm   |
| 10   | TW7-5-11B             | 105mm  | 70mm   | 50mm   |
| 11   | TW7-3-13B             | 130mm  | 65mm   | 25.8mm |
| 12   | TW7-5-13B             | 130mm  | 65mm   | 50.1mm |
| 13   | TW8-2-8B              | 80mm   | 80mm   | 20mm   |
| 14   | TW8-4-8B              | 80mm   | 80mm   | 40mm   |
| 15   | TW9-4-17B             | 170mm  | 85.5mm | 35.5mm |
| 16   | TW9-6-17B             | 170mm  | 85.5mm | 60.5mm |
| 17   | TW11-5-22B            | 220mm  | 110mm  | 45.3mm |
| 18   | TW11-8-22B            | 220mm  | 110mm  | 75.3mm |
| 19   | TW13-3-13B            | 125mm  | 125mm  | 25mm   |
| 20   | TW13-5-13B            | 125mm  | 125mm  | 45mm   |
| 21   | TW13-3-18B            | 175mm  | 125mm  | 25mm   |
| 22   | TW13-5-18B            | 175mm  | 125mm  | 45mm   |
| 23   | TW13-7-18B            | 175mm  | 125mm  | 65mm   |

| SPECIFICATION           |                                                                        |
|-------------------------|------------------------------------------------------------------------|
| Materials               | Lid & base high impact ABS<br>Black: UL94-HB<br>White: UL94-V0/UL94-V1 |
| Operating temperature   | -10°C to +60°C                                                         |
| Standard colours        | Black & white                                                          |
| Standard unit includes: | Lid and Base, self-tapping screw                                       |

### White Enclosure

| SIZE | MANUFACTURER PART NO. | LENGTH | WIDTH  | HEIGHT |
|------|-----------------------|--------|--------|--------|
| 1    | TWN4-2-5W*            | 50mm   | 35mm   | 20mm   |
| 2    | TWN4-2-6W*            | 60mm   | 35mm   | 20mm   |
| 3    | TWN4-2-8W*            | 80.3mm | 40.3mm | 20mm   |
| 4    | TWN5-2-7W*            | 70mm   | 50mm   | 15mm   |
| 5    | TWN5-3-7W*            | 70mm   | 50mm   | 27.5mm |
| 6    | TWN5-4-7W*            | 70mm   | 50mm   | 40mm   |
| 7    | TWN5-3-9W*            | 90mm   | 45mm   | 25mm   |
| 8    | TWN7-2-11W            | 105mm  | 70mm   | 20mm   |
| 9    | TWN7-4-11W            | 105mm  | 70mm   | 35mm   |
| 10   | TWN7-5-11W            | 105mm  | 70mm   | 50mm   |
| 11   | TWN7-3-13W            | 130mm  | 65mm   | 25.8mm |
| 12   | TWN7-5-13W            | 130mm  | 65mm   | 50.1mm |
| 13   | TWN8-2-8W             | 80mm   | 80mm   | 20mm   |
| 14   | TWN8-4-8W             | 80mm   | 80mm   | 40mm   |
| 15   | TWN9-4-17W            | 170mm  | 85.5mm | 35.5mm |
| 16   | TWN9-6-17W            | 170mm  | 85.5mm | 60.5mm |
| 17   | TWN11-5-22W           | 220mm  | 110mm  | 45.3mm |
| 18   | TWN11-8-22W           | 220mm  | 110mm  | 75.3mm |
| 19   | TWN13-3-13W           | 125mm  | 125mm  | 25mm   |
| 20   | TWN13-5-13W           | 125mm  | 125mm  | 45mm   |
| 21   | TWN13-3-18W           | 175mm  | 125mm  | 25mm   |
| 22   | TWN13-5-18W           | 175mm  | 125mm  | 45mm   |
| 23   | TWN13-7-18W           | 175mm  | 125mm  | 65mm   |

\*UL94-V1

Rubber Boots

- Boots offer protection to enclosure
- Boot has pre-moulded holes to enable securing of boot to the enclosure
- Flexible open faced removable silicon rubber boot
- Fits tightly over base, sides and around edges of lid
- Available in nine sizes and six colours, suits boxes: 11, 12, 15, 16, 17, 18, 19, 20, 21, 22, 23
- Rubber boots can be customised



| Pink Boot    |        |        |        |                     |
|--------------|--------|--------|--------|---------------------|
| MANUFACTURER | LENGTH | WIDTH  | HEIGHT | DESCRIPTION         |
| PART NO.     |        |        |        |                     |
| TWSC7-3P     | 27mm   | 71mm   | 32mm   | To fit size 11      |
| TWSC7-5P     | 27mm   | 71mm   | 56mm   | To fit size 12      |
| TWSC9-4P     | 33mm   | 91.5mm | 41.5mm | To fit size 15      |
| TWSC9-6P     | 33mm   | 91.5mm | 66.5mm | To fit size 16      |
| TWSC11-5P    | 40mm   | 116mm  | 51.5mm | To fit size 17      |
| TWSC11-8P    | 40mm   | 116mm  | 81.5mm | To fit size 18      |
| TWSC13-3P    | 38mm   | 131mm  | 31mm   | To fit sizes 19, 21 |
| TWSC13-5P    | 38mm   | 131mm  | 51mm   | To fit sizes 20, 22 |
| TWSC13-7P    | 38mm   | 131mm  | 71mm   | To fit size 23      |



| Yellow Boot  |        |        |        |                     |
|--------------|--------|--------|--------|---------------------|
| MANUFACTURER | LENGTH | WIDTH  | HEIGHT | DESCRIPTION         |
| PART NO.     |        |        |        |                     |
| TWSC7-3Y     | 27mm   | 71mm   | 32mm   | To fit size 11      |
| TWSC7-5Y     | 27mm   | 71mm   | 56mm   | To fit size 12      |
| TWSC9-4Y     | 33mm   | 91.5mm | 41.5mm | To fit size 15      |
| TWSC9-6Y     | 33mm   | 91.5mm | 66.5mm | To fit size 16      |
| TWSC11-5Y    | 40mm   | 116mm  | 51.5mm | To fit size 17      |
| TWSC11-8Y    | 40mm   | 116mm  | 81.5mm | To fit size 18      |
| TWSC13-3Y    | 38mm   | 131mm  | 31mm   | To fit sizes 19, 21 |
| TWSC13-5Y    | 38mm   | 131mm  | 51mm   | To fit sizes 20, 22 |
| TWSC13-7Y    | 38mm   | 131mm  | 71mm   | To fit size 23      |



| Green Boot   |        |        |        |                     |
|--------------|--------|--------|--------|---------------------|
| MANUFACTURER | LENGTH | WIDTH  | HEIGHT | DESCRIPTION         |
| PART NO.     |        |        |        |                     |
| TWSC7-3G     | 27mm   | 71mm   | 32mm   | To fit size 11      |
| TWSC7-5G     | 27mm   | 71mm   | 56mm   | To fit size 12      |
| TWSC9-4G     | 33mm   | 91.5mm | 41.5mm | To fit size 15      |
| TWSC9-6G     | 33mm   | 91.5mm | 66.5mm | To fit size 16      |
| TWSC11-5G    | 40mm   | 116mm  | 51.5mm | To fit size 17      |
| TWSC11-8G    | 40mm   | 116mm  | 81.5mm | To fit size 18      |
| TWSC13-3G    | 38mm   | 131mm  | 31mm   | To fit sizes 19, 21 |
| TWSC13-5G    | 38mm   | 131mm  | 51mm   | To fit sizes 20, 22 |
| TWSC13-7G    | 38mm   | 131mm  | 71mm   | To fit size 23      |



| Blue Boot    |        |        |        |                     |
|--------------|--------|--------|--------|---------------------|
| MANUFACTURER | LENGTH | WIDTH  | HEIGHT | DESCRIPTION         |
| PART NO.     |        |        |        |                     |
| TWSC7-3N     | 27mm   | 71mm   | 32mm   | To fit size 11      |
| TWSC7-5N     | 27mm   | 71mm   | 56mm   | To fit size 12      |
| TWSC9-4N     | 33mm   | 91.5mm | 41.5mm | To fit size 15      |
| TWSC9-6N     | 33mm   | 91.5mm | 66.5mm | To fit size 16      |
| TWSC11-5N    | 40mm   | 116mm  | 51.5mm | To fit size 17      |
| TWSC11-8N    | 40mm   | 116mm  | 81.5mm | To fit size 18      |
| TWSC13-3N    | 38mm   | 131mm  | 31mm   | To fit sizes 19, 21 |
| TWSC13-5N    | 38mm   | 131mm  | 51mm   | To fit sizes 20, 22 |
| TWSC13-7N    | 38mm   | 131mm  | 71mm   | To fit size 23      |



| Grey Boot    |        |        |        |                     |
|--------------|--------|--------|--------|---------------------|
| MANUFACTURER | LENGTH | WIDTH  | HEIGHT | DESCRIPTION         |
| PART NO.     |        |        |        |                     |
| TWSC7-3L     | 27mm   | 71mm   | 32mm   | To fit size 11      |
| TWSC7-5L     | 27mm   | 71mm   | 56mm   | To fit size 12      |
| TWSC9-4L     | 33mm   | 91.5mm | 41.5mm | To fit size 15      |
| TWSC9-6L     | 33mm   | 91.5mm | 66.5mm | To fit size 16      |
| TWSC11-5L    | 40mm   | 116mm  | 51.5mm | To fit size 17      |
| TWSC11-8L    | 40mm   | 116mm  | 81.5mm | To fit size 18      |
| TWSC13-3L    | 38mm   | 131mm  | 31mm   | To fit sizes 19, 21 |
| TWSC13-5L    | 38mm   | 131mm  | 51mm   | To fit sizes 20, 22 |
| TWSC13-7L    | 38mm   | 131mm  | 71mm   | To fit size 23      |



| Black Boot   |        |        |        |                     |
|--------------|--------|--------|--------|---------------------|
| MANUFACTURER | LENGTH | WIDTH  | HEIGHT | DESCRIPTION         |
| PART NO.     |        |        |        |                     |
| TWSC7-3B     | 27mm   | 71mm   | 32mm   | To fit size 11      |
| TWSC7-5B     | 27mm   | 71mm   | 56mm   | To fit size 12      |
| TWSC9-4B     | 33mm   | 91.5mm | 41.5mm | To fit size 15      |
| TWSC9-6B     | 33mm   | 91.5mm | 66.5mm | To fit size 16      |
| TWSC11-5B    | 40mm   | 116mm  | 51.5mm | To fit size 17      |
| TWSC11-8B    | 40mm   | 116mm  | 81.5mm | To fit size 18      |
| TWSC13-3B    | 38mm   | 131mm  | 31mm   | To fit sizes 19, 21 |
| TWSC13-5B    | 38mm   | 131mm  | 51mm   | To fit sizes 20, 22 |
| TWSC13-7B    | 38mm   | 131mm  | 71mm   | To fit size 23      |