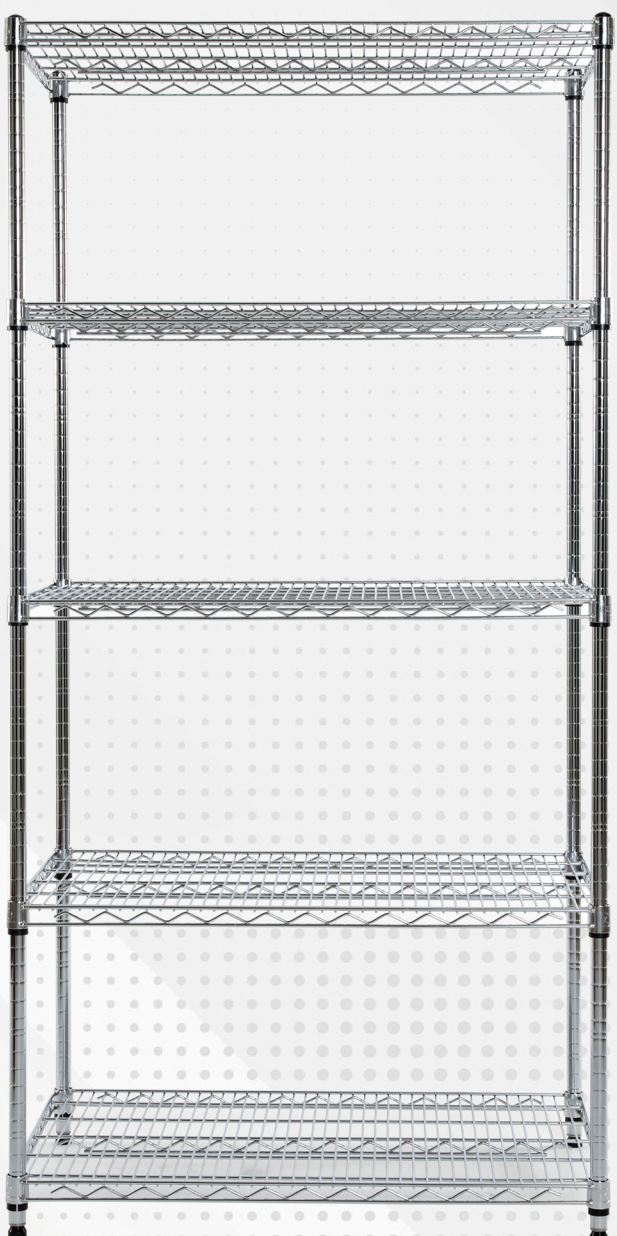


# Wire Shelves & Utility Carts

Cleanroom & ESD



## Wire Shelves

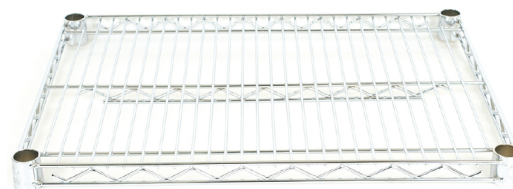
### Pole



M01U-000

- Chrome plated steel pole
- 25.4 mm (Φ) × 1.2 mm (T)
- 9 different lengths (450 mm ~ 2200 mm)

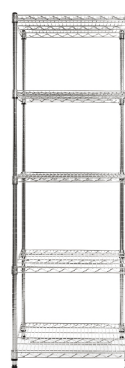
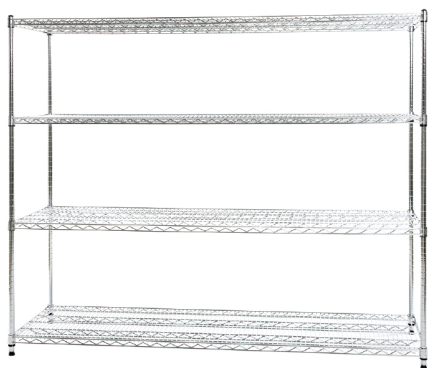
### Wire Shelf



M02U-000

- Chrome plated steel wire
- Wire (Φ): 3.5 mm, 4.5 mm, 6 mm
- Load capacity: 250 kg/shelf

\* Stainless steel (SUS 304) material is also available on request  
\* Various size and designs



\*Wire shelf option ( ① ~ ㉓ )

\*Pole option (450 mm ~ 2200 mm)

(mm)

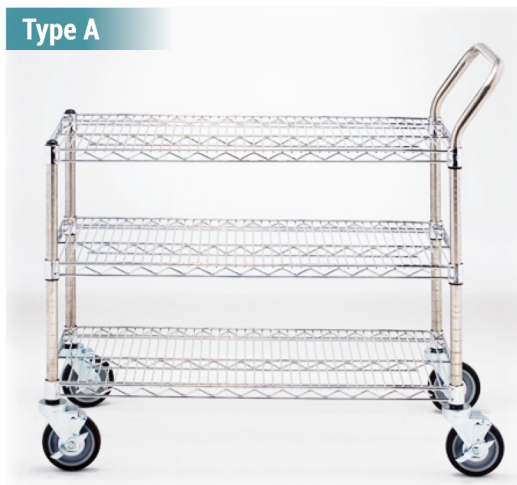
| 350                        | 450 | 530 | 610 | Shelf | Pole |
|----------------------------|-----|-----|-----|-------|------|
|                            | ③   | ⑩   | ⑰   | 610   | 450  |
|                            | ④   | ⑪   | ⑱   | 760   | 600  |
|                            | ⑤   | ⑫   | ⑲   | 910   | 750  |
|                            | ⑥   | ⑬   | ⑳   | 1070  | 900  |
|                            | ⑦   | ⑭   | ㉑   | 1220  | 1200 |
| ①                          | ⑧   | ⑮   | ㉒   | 1520  | 1500 |
| ②                          | ⑨   | ⑯   | ㉓   | 1820  | 1800 |
| Example) ① - 350 × 1520 mm |     |     |     |       | 1900 |
| Example) ㉓ - 610 × 1820 mm |     |     |     |       | 2200 |



## Utility Carts

Item Code M50U-000

### Type A



- 3 shelves with U handle in 1 side
- Total height: 1050 mm
- Load capacity: 250 kg

| 450 | 530 | 610 | Shelf | Pole |
|-----|-----|-----|-------|------|
| ①   | ⑧   | ⑮   | 610   | 750  |
| ②   | ⑨   | ⑯   | 760   | 900  |
| ③   | ⑩   | ⑰   | 910   |      |
| ④   | ⑪   | ⑱   | 1070  |      |
| ⑤   | ⑫   | ⑲   | 1220  |      |
| ⑥   | ⑬   | ⑳   | 1520  |      |
| ⑦   | ⑭   | ㉑   | 1820  |      |

(mm)

\*Wire shelf option  
( ① ~ ㉑ )  
\*Pole option  
(750 mm ~ 900 mm)

### Type B



- 3 shelves with U handles in 2 sides
- Total height: 1050 mm
- Load capacity: 250 kg

| 450 | 530 | 610 | Shelf | Pole |
|-----|-----|-----|-------|------|
| ①   | ⑧   | ⑮   | 610   | 750  |
| ②   | ⑨   | ⑯   | 760   | 900  |
| ③   | ⑩   | ⑰   | 910   |      |
| ④   | ⑪   | ⑱   | 1070  |      |
| ⑤   | ⑫   | ⑲   | 1220  |      |
| ⑥   | ⑬   | ⑳   | 1520  |      |
| ⑦   | ⑭   | ㉑   | 1820  |      |

(mm)

\*Wire shelf option  
( ① ~ ㉑ )  
\*Pole option  
(750 mm ~ 900 mm)

### Type C



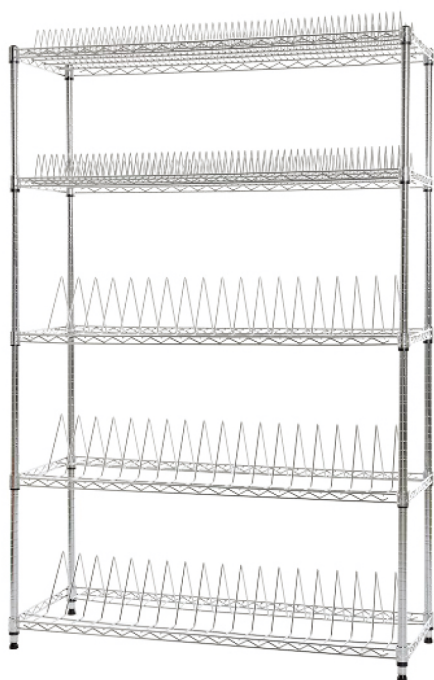
- 2 shelves with 1 side U handle
- Total height: 1050 mm
- Load capacity: 250 kg

| 450 | 530 | 610 | Shelf | Pole |
|-----|-----|-----|-------|------|
| ①   | ⑧   | ⑮   | 610   | 750  |
| ②   | ⑨   | ⑯   | 760   | 900  |
| ③   | ⑩   | ⑰   | 910   |      |
| ④   | ⑪   | ⑱   | 1070  |      |
| ⑤   | ⑫   | ⑲   | 1220  |      |
| ⑥   | ⑬   | ⑳   | 1520  |      |
| ⑦   | ⑭   | ㉑   | 1820  |      |

(mm)

\*Wire shelf option  
( ① ~ ㉑ )  
\*Pole option  
(750 mm ~ 900 mm)

## Wire Reel Shelves



M40U-000

### Pole

- Chrome plated steel pole
- 25.4 mm (Φ) × 1.2 mm (T)

### Reel Wire Shelves

- Chrome plated Steel Wire
- Wire (Φ): 3.5 mm, 4.5 mm, 6 mm

| Capacity             | Reel Shelves (mm) |            | Pitch size (mm) |
|----------------------|-------------------|------------|-----------------|
|                      | 450 × 910         | 450 × 1220 |                 |
| Small (double peaks) | 80 pc             | 112 pc     | 20              |
| Large (single peak)  | 13 pc             | 18 pc      | 60              |

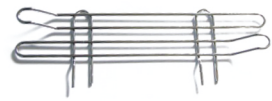
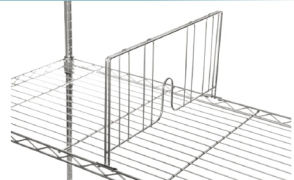
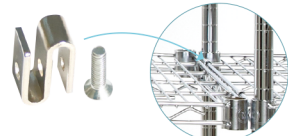


Option: Castor

(mm)

| 450 | Shelf | Pole |
|-----|-------|------|
| ①   | 910   | 1800 |
| ②   | 1220  |      |

## Accessories

|                                                                                                                                                                |                                                                                                                          |                                                                                                                       |                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>ESD Foot</b><br><br>M15U-001    M15U-002                                 | <b>Metal Chain</b><br><br>M16U-001    | <b>ESD Castor</b><br><br>M06U-000 | <b>Donut Bumper</b><br><br>M14U-001 |
| <b>Handle</b><br><br>M08U-000                                               | <b>Supporting Bar</b><br><br>M07U-000 | <b>Guardrail</b><br><br>M09U-000  | <b>Divider</b><br><br>M10U-000      |
| <b>Plastic Split Joint / Chrome Split Joint</b><br><br>M12U-001<br>M12U-002 | <b>Clamp</b><br><br>M11U-001          | <b>N Hook</b><br><br>M13U-000     |                                                                                                                          |



## ESD Castor New

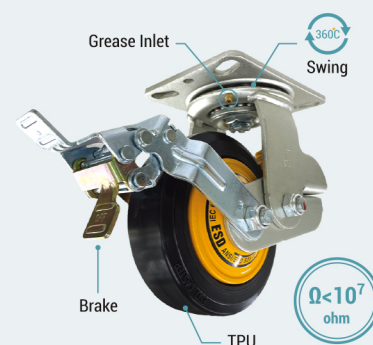
### *"How to make ESD castor endure heavy duty while keeping ESD sustainability?"*

The answer is 'homogeneous (TPU) ESD castor.' Ordinary ESD castors are manufactured by applying antistatic coating to the wheels. The problem is that the more it is used, the more the coating film is damaged and the antistatic function decreases. However, this castor is the ESD homogeneous (TPU) that the antistatic performance does not decrease even when it is used in various environments for a long period. Also, even if it is ESD homogeneous, it can withstand up to 350 kg per castor. It features both durability and ESD sustainability.



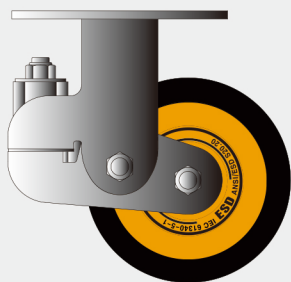
#### Features

- ESD properties (RTT/RTG):  $<10^7$  ohm
- Homogeneous (TPU) ESD castor
- A utility registered model
- Easy-replacement of load springs to change the load capacity.
- Shock absorber protects the durability of the castor itself and the stability of the sensitive cargo.
- Heat treated double raceway ensures durability and smooth rotation of the wheel.
- Easy to lubricate with grease inlet



#### Types

##### Fixed



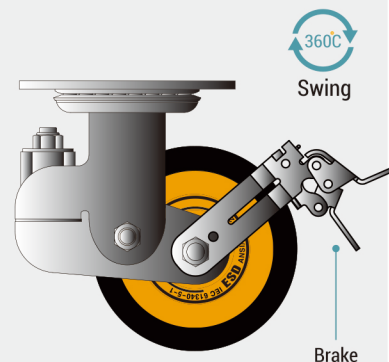
| Item Code | Descriptions |
|-----------|--------------|
| M06U-012  | 6", 90 kg    |
| M06U-013  | 6", 160 kg   |
| M06U-014  | 6", 220 kg   |
| M06U-015  | 6", 350 kg   |

##### Swivel



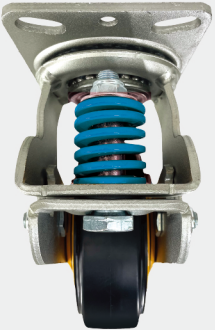
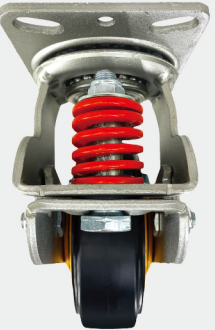
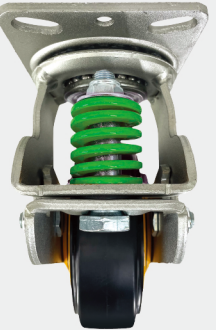
| Item Code | Descriptions |
|-----------|--------------|
| M06U-016  | 6", 90 kg    |
| M06U-017  | 6", 160 kg   |
| M06U-018  | 6", 220 kg   |
| M06U-019  | 6", 350 kg   |

##### Swivel with brake



| Item Code | Descriptions |
|-----------|--------------|
| M06U-020  | 6", 90 kg    |
| M06U-021  | 6", 160 kg   |
| M06U-022  | 6", 220 kg   |
| M06U-023  | 6", 350 kg   |

Max Load by Spring Specifications

| Product Types | Light Duty<br>90 kg                                                                         | Medium Duty<br>160 kg                                                                     | Medium-heavy Duty<br>220 kg                                                               | Heavy Duty<br>350 kg                                                                         |
|---------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Spring Color  | <br>Yellow | <br>Blue | <br>Red | <br>Green |

- ANSI/ESD S20.20:2021 Requirement
- ANSI/ESD STM4.1-2017 Product Qualification
- ANSI/ESD11.13-2021