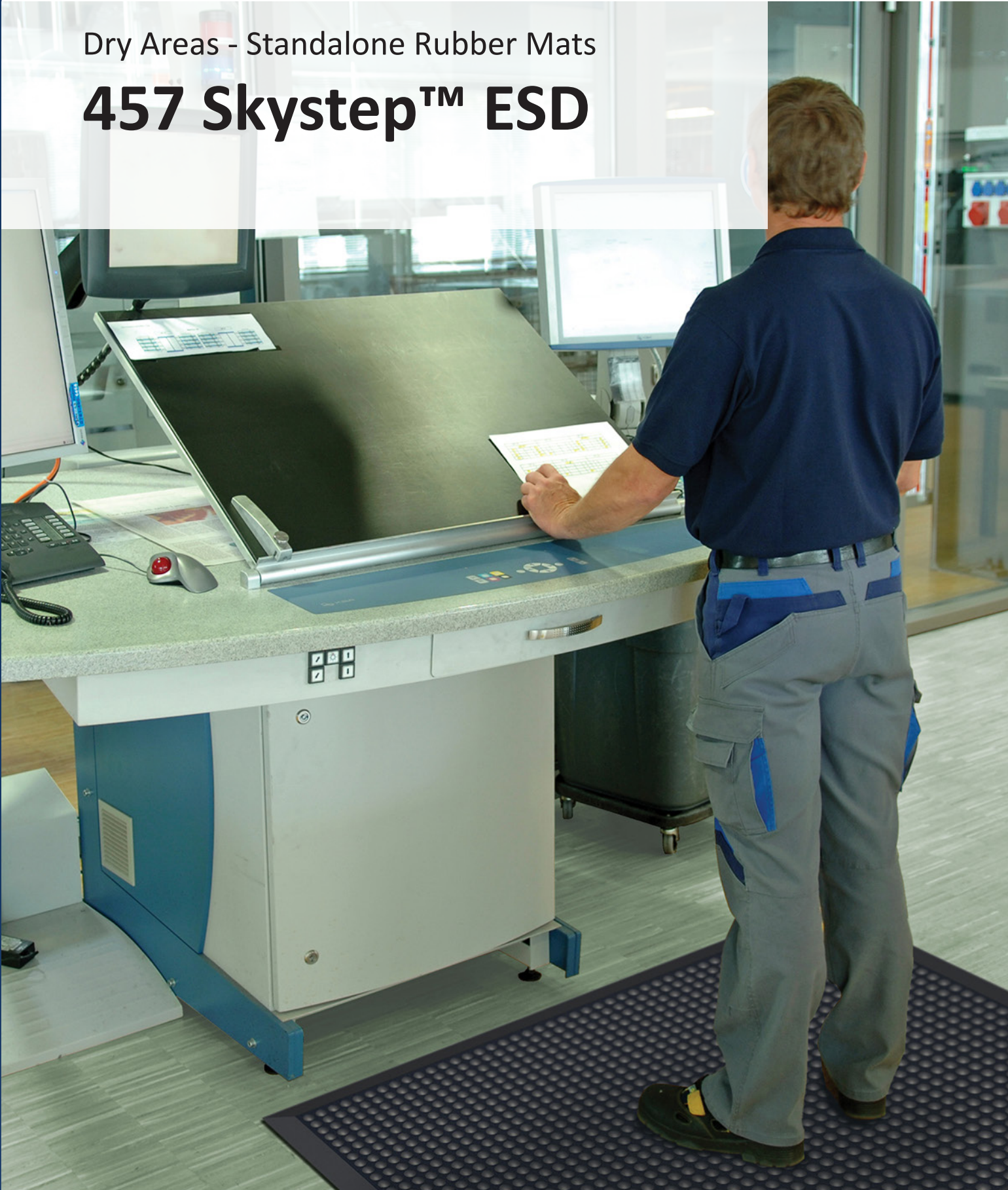




Justrite Safety Group

Dry Areas - Standalone Rubber Mats

# 457 Skystep™ ESD



457 SKYSTEP™ ESD

Dry Areas - Medium duty

# 457 Skystep™ ESD

Ergonomically and economically engineered, the Skystep™ utilizes the power of air. Skystep™ is designed to suction to the ground to prevent the mat from shifting while trapping air in its chambers. These air pockets combined with the resiliency of the rubber create an ultimate cushioning effect while keeping the mat lightweight. Integrated bevelled edges on all four sides to prevent tripping on the mat.

Loose lay with no installation required. Slip resistance rating R9 according to DIN 51130 and BG-rule BGR181. Free of DOP, free of DMF, free of ozone-depleting substances, free of silicone and free of heavy metals. Static dissipative natural rubber compound. Meets IEC61340-4-1 (category DIF), measured resistance  $R_g 10^6 - 10^9 \Omega$ ,  $R_p 10^6 - 10^9 \Omega$ .

**Recommended use:**

- Medium duty
- Industrial Environments
- For placement in ESD assembly lines, picking, packing and logistics warehouses, individual work stations.

**Specifications:**

- Static dissipative natural rubber
- Moulded bevelled edges on all sides
- Overall thickness: 13 mm
- Weight: 10 kg/m<sup>2</sup>
- Slip rating: R9
- Special characteristics: Free of DOP, free of DMF, free of ozone depleting substances, free of silicone and free of heavy metals

**Standard sizes:**

- 60 cm x 90 cm
- 90 cm x 120 cm
- 90 cm x 150 cm

**Colours:**

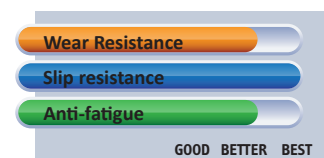
- Black

**Cleaning instructions:**

- Daily sweeping with a brush



**PRODUCT TESTING**



## 457 Skystep™ ESD (black)

| Art. nr.   | Dimensions     | Weight kg |
|------------|----------------|-----------|
| 457S0023BL | 60 cm x 90 cm  | 5,5       |
| 457S0034BL | 90 cm x 120 cm | 11,8      |
| 457S0035BL | 90 cm x 150 cm | 16        |



# 457 Skystep™ ESD

## GENERAL DESCRIPTION

|                 |  |
|-----------------|--|
| Designation     | Ergonomic, Anti-fatigue Safety Matting                 |
| Type            | Dry Areas - Standalone Rubber Mats                     |
| Description     | Static dissipative rubber anti-fatigue standalone mat. |
| Surface         | Ergonomic bubble                                       |
| Category        | Ergonomic, Anti-fatigue Safety Matting                 |
| Recommended use | Dry Areas Medium duty                                  |
| Colours         | Black  |
| Edges           | Moulded bevelled edges on all sides                    |

## TECHNICAL SPECIFICATIONS

|                   |                                   |
|-------------------|-----------------------------------|
| Material          | Static dissipative natural rubber |
| Process           | Compression Moulding              |
| Total weight      | 10 kg/m <sup>2</sup>              |
| Overall thickness | 13 mm                             |

## TESTS

|                      |   |            |
|----------------------|---|------------|
| Slip rating          | DIN 51130   | R9         |
| Meets EOS/ESD-S4     | <b>measured resistance for work surfaces</b>  |            |
|                      | Rg 10 <sup>6</sup> - 10 <sup>9</sup> Ω Rp 10 <sup>6</sup> - 10 <sup>9</sup> Ω Electrostatic charge (walking test), meets ISO6356 and EN1815 |            |
| Sustainability       | Recyclable material   |            |
| Abrasion resistance  | ASTM D3884-01   | 0.824      |
| Elongation           | ASTM D412   | 210%       |
| Breaking load        | ASTM D412   | 4.80 Mpa   |
| Tear Strength        | ASTM D1004  | 10.5 N/mm  |
| Hardness             | ASTM D2240-02   | 50 Shore A |
| Surface flammability | ASTM D2859  | Pass       |

## DIMENSIONS

| Standard sizes | Full rolls | Custom lengths |
|----------------|------------|----------------|
| 60 cm x 90 cm  |            |                |
| 90 cm x 120 cm |            |                |
| 90 cm x 150 cm |            |                |