



SHOCKWATCH2

ShockWatch impact indicators are designed to respond to bi-directional impact beyond your desired threshold and protect sensitive, fragile, and calibrated equipment during shipping, handling and storage.

The field-armable, mechanically activated devices immediately trigger a bright red colour when dropped beyond a pre-assigned threshold. These indicators are single use, go/no go devices that provide a visible way to detect and document the mishandling of fragile, sensitive, or calibrated products during shipping, handling and storage.

Each ShockWatch indicator is tamper proof and tagged with a unique identifier which can be used to support track and trace requirements. Unique identification of each device makes it harder for counterfeited product to enter the market. Linking a serialised, tamperproof indicator to a specific package ensures that indicators were not switched during shipment and that data was not corrupted.

Product Features

- Tamperproof design
- Can be armed in the field as needed and shipped in small quantities without the cost of additional protective packaging
- Compliance and field tested for use in multiple manufacturing, shipping and storage environments
- Highly visible "red alert" to indicate mishandling

Benefits

- Unique identifiers enable tracking
- Reduce administration and field service costs
- Help bring damage claims to a quick resolution
- Protect against warranty abuse
- Build and maintain good carrier and customer relationships
- Protects fragile, sensitive, or calibrated goods in transit
- Provides indisputable evidence of mishandling
- Acts as a visual deterrent to improper handling

SPECIFICATIONS



SHOCKWATCH2

Instrument:

| | |
|-----------------|---|
| Dimensions: | 42.93 x 42.93 x 6.35mm |
| Weight: | 5 grams |
| Case Material: | Polyoxymethylene (POM), GP Styrene |
| Adhesive: | 5mm high tack acrylic |
| Shelf Life: | 2 years from date of sale when stored at standard temperature and pressure (20°C, 1atm) |
| Responsiveness: | Responds to single impact |

Indicator:

| | |
|-------------------|--|
| Shock Sensor: | Bi-directional, field-armable drop sensor |
| Range: | 1 to 50ms |
| Accuracy: | ±15% |
| Shock Resistance: | 0G - 75G (@50 msec) |
| Security: | Tamperproof, serialized, with dynamic barcode availability |
| Operation: | Mechanical, go/no-go indication |

Options Available:



32532 – ShockWatch2 (Pink) 5G



32533 – ShockWatch2 (Teal) 10G



32534 – ShockWatch2 (Blue) 15G



32535 – ShockWatch2 (Yellow) 25G



32536 – ShockWatch2 (Purple) 37G



32537 – ShockWatch2 (Red) 50G



32538 – ShockWatch2 (Orange) 75g

Size Indicator

| Selection Guide | 5 - 15 ft ³ .14 - .42 m ³ | 15 - 50 ft ³ .42 - 1.42 m ³ | 50 - 100 ft ³ 1.42 - 2.83 m ³ | 100 - 250 ft ³ 2.83 - 7.08 m ³ | 250 - 500 ft ³ 7.08 - 14.16 m ³ | 500 - 1000 ft ³ 14.16 - 304.8 m ³ | 1000+ ft ³ 304.8+ m ³ |
|---|--|--|--|---|--|--|--|
| 0 - 10 lbs / 0 - 5 kg | 75G | 75G | 50G | 37G | – | – | – |
| 10 - 25 lbs / 5 - 11 kg | 75G | 50G | 50G | 37G | 25G | – | – |
| 25 - 50 lbs / 11 - 23 kg | 50G | 50G | 37G | 25G | 25G | 15G | – |
| 50 - 100 lbs / 23 - 45 kg | 50G | 37G | 37G | 25G | 15G | 15G | 10G |
| 100 - 250 lbs / 45 - 113 kg | 37G | 37G | 25G | 25G | 15G | 15G | 10G |
| 250 - 1,000 lbs / 113 - 454 kg | 37G | 25G | 25G | 15G | 15G | 10G | 10G |
| 1,000 - 2,000 lbs / 454 - 907 kg | 25G | 25G | 25G | 15G | 15G | 10G | 5G |
| 2,000 - 5,000 lbs / 907 - 2,268 kg | 25G | 25G | 15G | 15G | 10G | 10G | 5G |
| 5,000 - 10,000 lbs / 2,268 - 4,536 kg | 25G | 15G | 15G | 15G | 10G | 10G | 5G |
| 10,000 - 15,000 lbs / 4,536 - 6,804 kg | – | 15G | 15G | 10G | 10G | 5G | 5G |
| 15,000 - 20,000 lbs / 6,804 - 9,072 kg | – | – | 10G | 10G | 5G | 5G | 5G |
| 20,000 - 30,000 lbs / 9,072 - 13,608 kg | – | – | – | 5G | 5G | 5G | 5G |
| 30,000+ lbs / 13,608+ kg | – | – | – | – | 5G | 5G | 5G |

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