SHOCKWATCH®
SHOCKDOT

To solve problems caused by:

impacts

Load instability

The sentinels of quality

ShockWatch and **ShockDot** impact indicators are sophisticated tamper-proof devices able to detect impacts due to mishandling of products during transportation or storage and to alert in a clear and irreversible manner.

ShockWatch and **ShockDot** indicators are very easy to use. Mounted on a packaging container, the device turns red when a potentially harmful impact has occurred.

There are different types of **ShockWatch** impact indicators:

- **ShockWatch** and **ShockDot labels**: these devices contain a red liquid held in suspension. When the device is subjected to an impact above the G reaction level of the indicator, the shock disrupts the surface tension of the liquid, by coloring the warning area red in a clearly visible way. ShockWatch labels are available in five sensitivities, as indicated by the five different colors. **ShockDot indicators** furthermore have a unique identification system that guarantees their originality and quality.
- **ShockWatch 2**: these monitoring devices detect the accidental fall during transit or storage. The ShockWatch 2 indicators are field-armable and have a unique identifier to support traceability. They are available in seven sensitivities, as indicated by the seven different colors and also in **RFID** version. Thanks to this technological innovation it will be possible to detect more rapidly a damaged package upon its receipt. Thanks to a RFID sensor that allows communication between the label and your society ERP, the activation can be read electronically and not only visually.
- **MAG 2000** is a cost-effective, resettable and temper-proof impact indicator able to record with accuracy the excessive impacts on large crates weighing over 225 kg (500 pounds). **MAG 2000** is specifically designed to be calibrated according to your package weight.

Main applications of ShockWatch and **ShockDot labels** and **ShockWatch 2:** automotive components, commercial appliances, semiconductor devices, computer hard drives, lab equipment, storage media (HDs, recording tapes, etc.), glass products, electronics, furniture, and more.

Main applications of ShockWatch MAG 2000: particularly suitable for monitoring shipment of machinery packed in crates, manufacturing equipment, electronic systems, printing machines, X-ray equipment, freight containers, railway freight cars and trucks.

MAG 2000 can also be used in monitoring applications related to handling or products in motion during production processes.

Benefits:

- Acts as a visual deterrent to improper use and handling
- Promotes a chain of accountability for all product handling
- Provides indisputable evidence of mishandling
- Alerts recipients to inspect contents before acceptance in order to assess any possible damage
- Allows sender to intervene before delivery if mishandling occurred during transport
- Confirms effectiveness of packaging
- Helps identify trouble spots during transportation and accountability
- Helps maintain quality of product up to delivery.