SpotSee™
Global. Connected. Condition Monitoring.

ShockWatch® Flex

ShockWatch Flex incorporates the proven technology of the ShockWatch impact indicator label in a flexible format. Even irregular shaped items can benefit from knowing that mishandling has occurred.



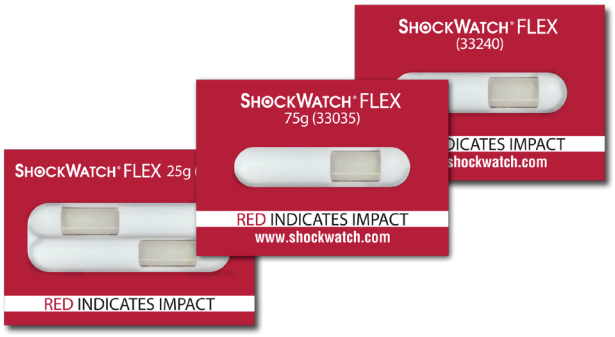
The design process is a delicate one. In many industries, fractions of millimeters can be the difference between success and a return to the drawing board. When designing items like aircraft components, medical equipment or laser systems, precision is key. So, how do you know if the tools you are using to design and build your product are within tolerance? If they have been dropped, are they still measuring correctly?

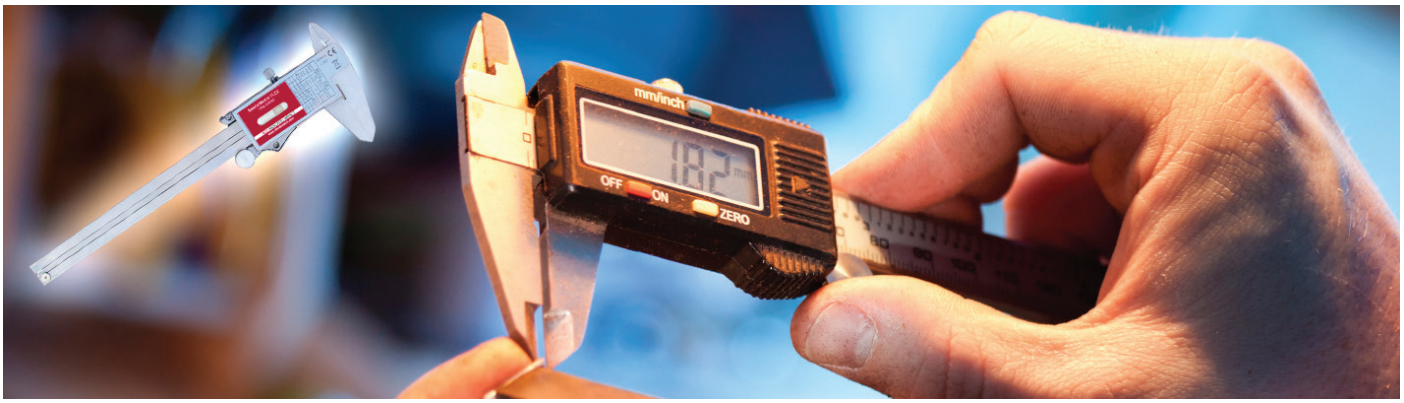
The ShockWatch Flex can assist you in knowing what happened to your equipment when it was out of sight. Was the caliper dropped? Does it need recalibration if it did? Is it worth the risk not knowing?

The ShockWatch Flex is a highly visible impact indicator that alerts you if your product has been subjected to unacceptable handling. Based on ShockWatch's proprietary impact sensing technology, the Flex is optimal when mounting an impact indicator complicated by product shape. The Flex can be mounted easily to curved and irregular shapes, ensuring the indicator will remain in place. The Flex is ideal for monitoring tools that may become misaligned, equipment that may lose their calibration, or products that may be damaged with mishandling.

Benefits

- Provides indisputable evidence of mishandling
- Acts as a visual deterrent to improper handling
- Promotes chain of accountability for all product handling
- Confirms effectiveness of packaging





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Selection Guide

Selection of the appropriate ShockWatch Flex begins with understanding the product to be monitored. To select the proper activation levels, determine if shock specifications exist for the product to be monitored. Most complex electromechanical products such as hard drives, avionics, analysis instruments, etc. have been through extensive testing to establish shock damage boundary data. Activation graphs are available for the Flex to help match the damage characteristics of your product.



The ShockWatch Flex is available in single and double tube configurations. The single tube configuration provides nearly 360° of detection of impact. The double tube configuration, however, will provide a full 360° detection to monitor drops from all angles.

**Higher G solutions are available. Please contact your ShockWatch representative to discuss the options in detail.*

Product Name	Sensitivity*	Activation Height
Flex 85	10G	2in to 4in / 50.8mm to 101.6mm
Flex 75	15G	3in to 6in / 76.2mm to 152.4mm
Flex 65	25G	4in to 8in / 101.6mm to 203.2mm
Flex 55	37G	6in to 14in / 152.4mm to 355.6mm
Flex 47	50G	8in to 18in / 203.2mm to 457.2mm
Flex 35	75G	19in to 24in / 482.6mm to 609.6mm
Flex 30	100G	24in to 30in / 609.6mm to 762mm

Key Specifications		
	Single	**Double**
Operating Temperature	-13°F to 176°F / -25°C to 80°C	
Responsiveness	Responds to single impact	
Duration	Ranges 1ms to 50ms	
Adhesive	Acrylic	
Shelf Life	2 years from date of sale, when stored at standard temperature and pressure (68°F / 20°C, 1ATM)	
Size	1.28 x 0.9 in 32.51 x 22.86 mm	1.28 x 1.04 in 32.51 x 26.42 mm

ShockWatch can help you set up a damage reduction program tailored to your unique circumstances. For more information, please contact your ShockWatch representative.

SHOCKWATCH®