

ANSI/ISEA 138-2019

THE FACTS OF THE NEW IMPACT STANDARDS

ANSI/ISEA 138-2019 WHAT YOU NEED TO KNOW

The new voluntary standard is designed to test multiple impact points on the knuckles and fingers, resulting in three levels of measurement. This new American standard is an evolution of the existing European Standard for impact – EN 388:2016.

For more detailed information, go to:
www.bobdaleglovesusa.com/bdg-solutions/safety-standards/impact-resistance/

ANSI/ISEA 138-2019 standard:

- + All testing to be completed by an **Independent Accredited Laboratory** that meets conformity assessment standard ISO/IEC 17205
- + Impact performance rating is based on lowest rating achieved on all the impact points tested
- + There are 9 impact sites tested on each glove (see diagram)
- + Palm side of the glove is removed and only the back of the hand (opened out and set flat) is tested
- + A drop striker is dropped – with an energy force of 5 joules – onto the glove, which is placed on an anvil
- + Total of 18 tested impacts (8 knuckles, 10 fingers and thumb) will be used to calculate the mean of the forces
- + All gloves shall be marked to indicate the performance level **1, 2 or 3 (3 being the highest level of protection)** of resistance claimed.

Source: <https://safetyequipment.org/ansi-isea-138-2019/>

Bob Dale Gloves and Imports Ltd. is a current member in good standing of the ISEA and was a participant of the ISEA hand protection group at the time of the approval of the ANSI/ISEA 138-2016 standard. This initiative supports Bob Dale Gloves commitment to be the sought-after glove and hand protection provider in North America.



PERFORMANCE LEVELS IN STANDARD	INCREASING PROTECTION		
Performance Level	ANSI / ISEA 138 	ANSI / ISEA 138 	ANSI / ISEA 138 
Mean Transmitted Force Kilonewton (kN)	≤9 kN	≤6.5 kN	≤4 kN

The above information is for educational purposes only. For the most accurate and up-to-date information, please consult your respective governing bodies (ANSI/ISEA 138-2019).
Bob Dale Gloves is a member of the International Safety Equipment Association.

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