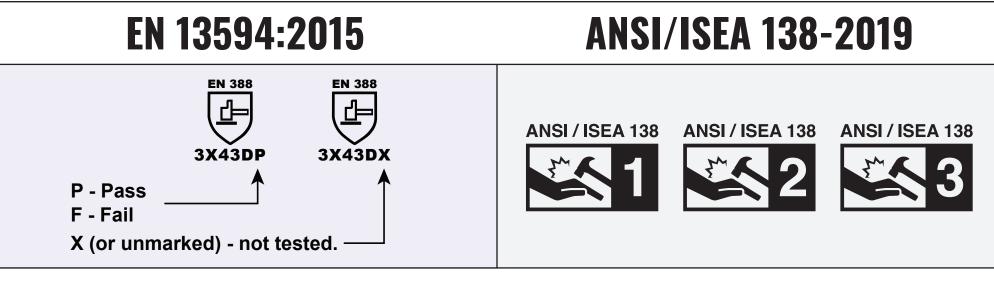
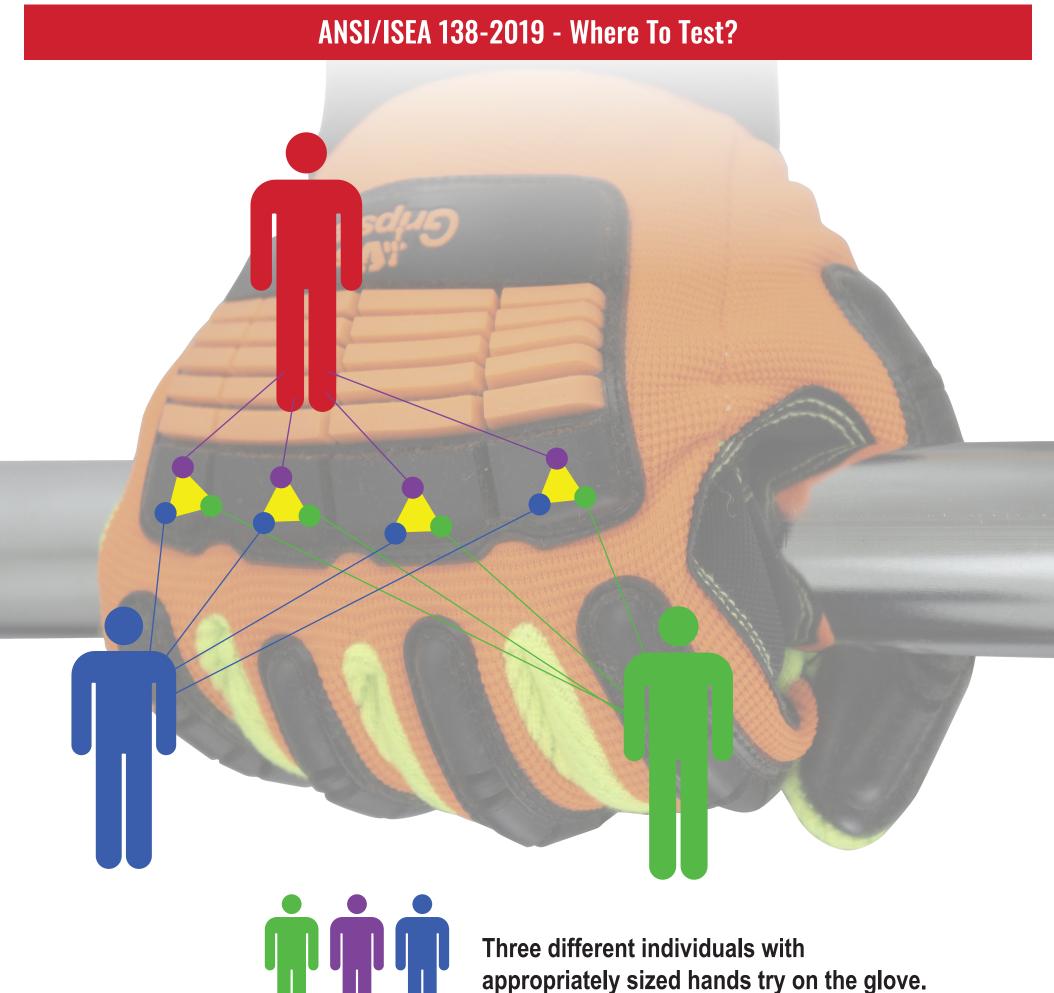
## Comparison of Impact Testing Standards — EN 13594:2015 vs ANSI/ISEA 138-2019 5.5lb (2.5kg) Glove is cut Must register horizontally in half polished steel Dropped Knuckles **Fingers** less than Reports as Reports as top of hand is tested drop striker 8 inches are tested are tested 9 kN of force a pass or fail levels 1-3 EN 13594:2015 **ANSI/ISEA 138-2019 ANSI/ISEA 138-2019** EN 13594:2015 The EN 13594:2015 standard demands only that the ANSI/ISEA 138-2019 institutes testing of knuckles as well



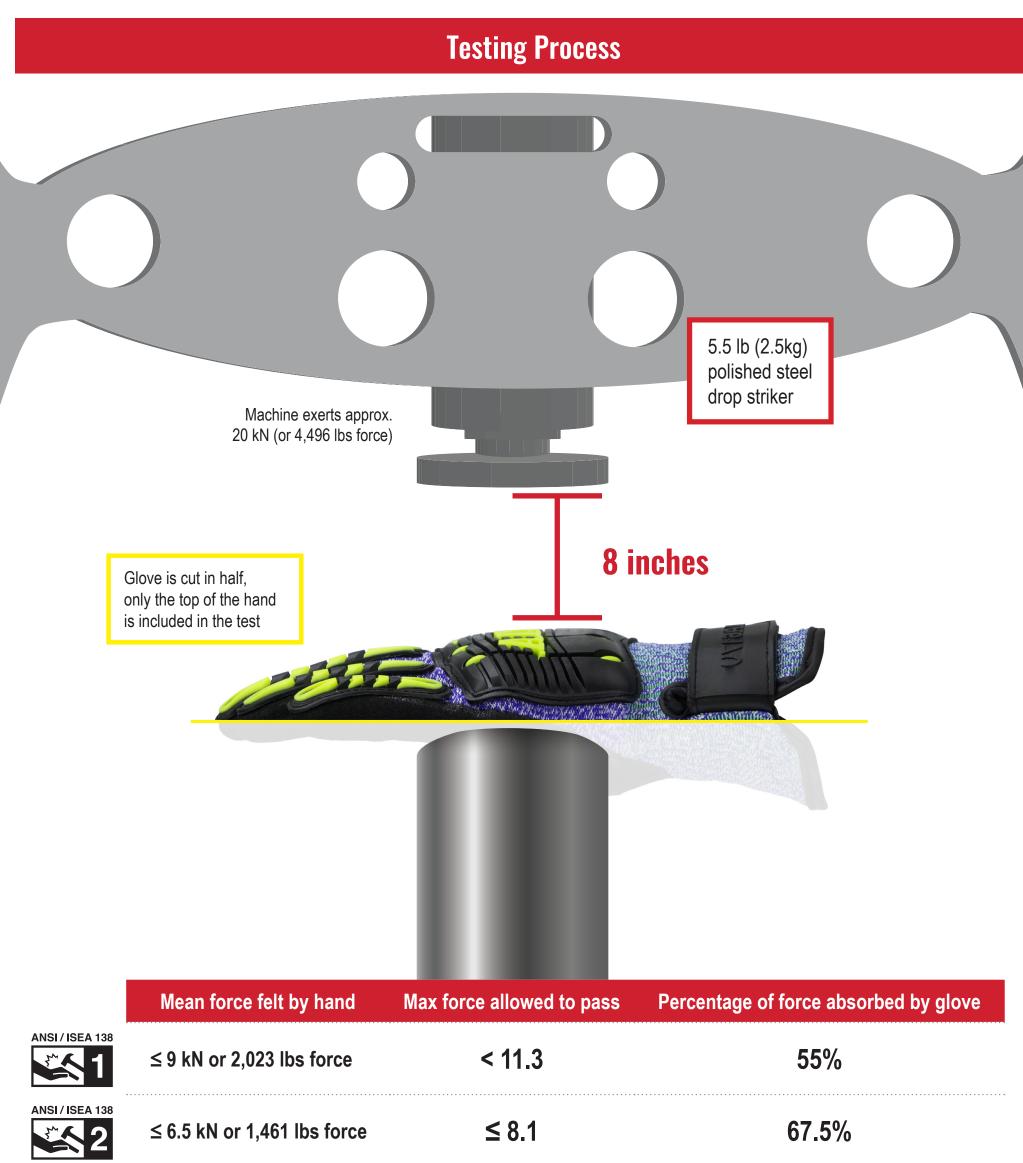
**Test Results: Designation** 

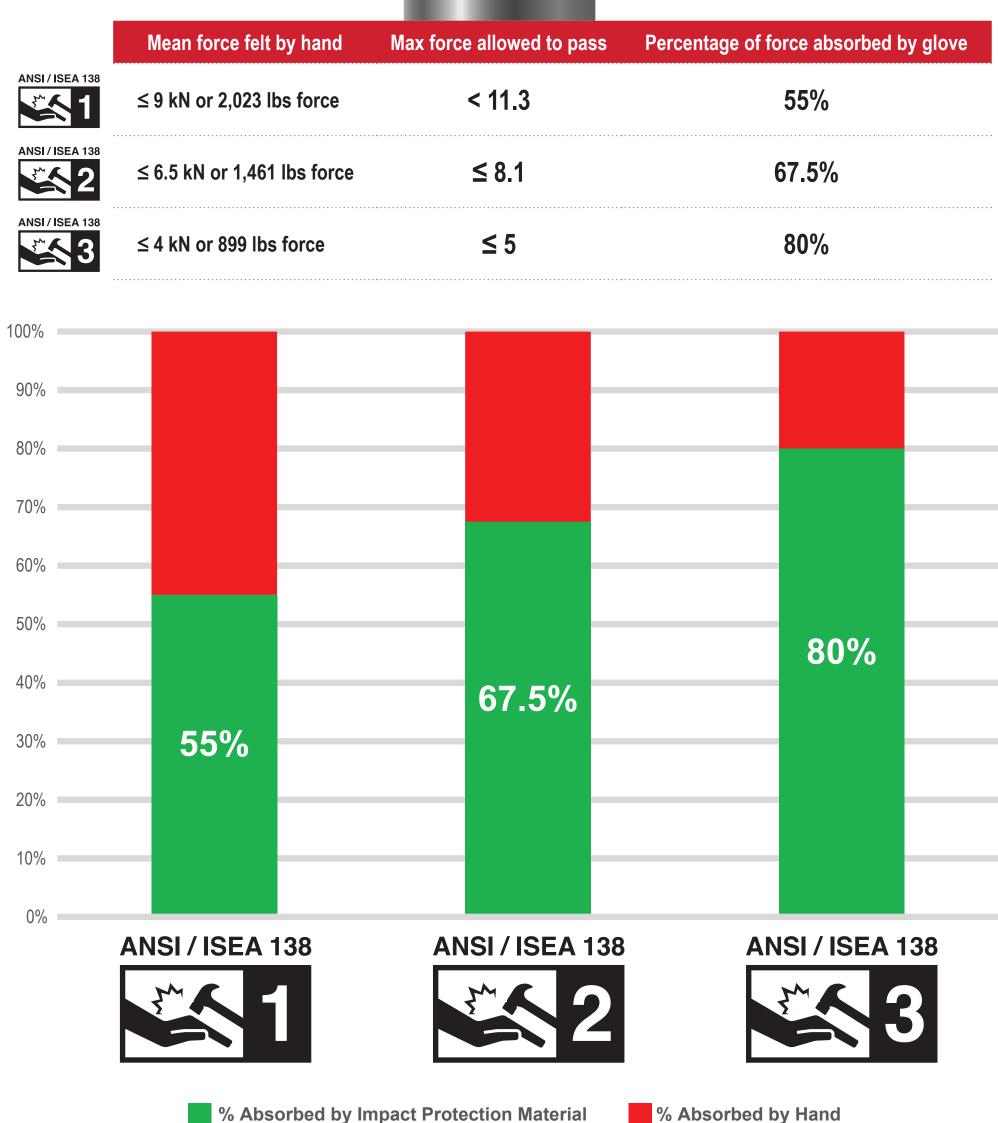




While firmly gripping a cylindrical bar, a point is made where each knuckle is most prominent.

A triangle is then drawn to connect the points from all three individuals. The center of these triangles becomes the test area.





## Temperature Matters

Impact protection made of TPU, TPR and other polyurethane mixtures can be modified from product to product. While the ANSI/ISEA 138-2019 standard identifies the ability of a glove to withstand impact and protect hands under ideal conditions, variations in temperature can greatly affect the effectiveness of impact protection. Internal evaluation should be done for each unique situation to identify the effectiveness of a glove at absorbing impact.

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