

ANSI ISEA 138 IMPACT PROTECTION

THREE PERFORMANCE LEVELS

Defined by ISEA 138, the performance levels give a numerical and pictorial representation of what impact protection the glove offers, with level 1 being the lowest level and 3 being the highest.

To assess effectiveness, the standard requires a 2.5 kg block to be dropped onto the glove with an impact energy of 5J. This test is performed on marked distances from the fingertip and on the knuckles.



**ANSI
1** PERFORMANCE LEVEL 1:
MEAN TRANSMITTED FORCE \leq 9 kN



**ANSI
2** PERFORMANCE LEVEL 2:
MEAN TRANSMITTED FORCE \leq 6.5 kN



**ANSI
3** PERFORMANCE LEVEL 3:
MEAN TRANSMITTED FORCE \leq 4 kN

INJURIES
TO FINGERS
AND HANDS MADE
UP OVER
23%
OF WORK RELATED
INJURIES

THE COST
OF A SINGLE
HAND/FINGER
INJURY RANGES
FROM
**\$540 -
\$730,000**
PER WORKER



OSHA
REPORTS OVER
70% OF
RELATED INJURIES
COULD'VE BEEN
PREVENTED IF
PROPER PPE
WAS WORN

HSI
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