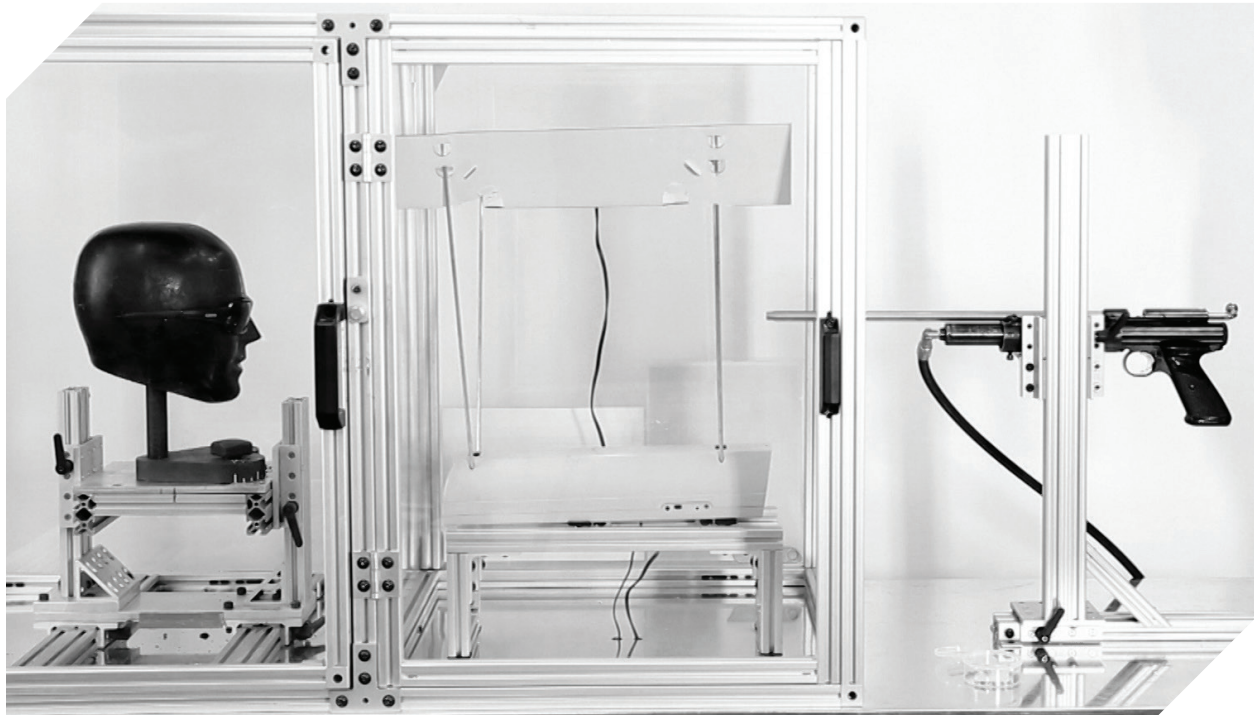


IMPACT SPECIFICATIONS

MIL-SPEC & ANSI STANDARDS



HIGH VELOCITY IMPACT

ESS protective eyewear surpasses the test for high-velocity impact protection as defined by the American National Standards Institute (ANSI). Per ANSI Z87.1, a quarter-inch steel ball is shot from three different heights, and at seven different angles. To pass the high-velocity test, no contact between the lens and eye is permitted during impact. In addition, no frame parts or lens fragments may be ejected during impact.

HIGH MASS IMPACT

ESS protective eyewear also surpasses the protection requirements for high-mass impact. Within ANSI Z87.1, the high-mass impact test requires that the lens be hit by a 500-gram metal spike (over a pound of weight) dropped from a height of 51.2 inches (over four feet). To pass the test, no frame parts or lens fragments may be ejected during impact.

**WHAT HAPPENS TO ANSI-RATED EYE PRO WHEN IT IS TESTED TO THE MIL-SPEC STANDARD?
SEE THE VIDEO AT THE ESS YOUTUBE CHANNEL: www.youtube.com/esseyepro**



ANSI Z87.1 HIGH VELOCITY IMPACT TESTING

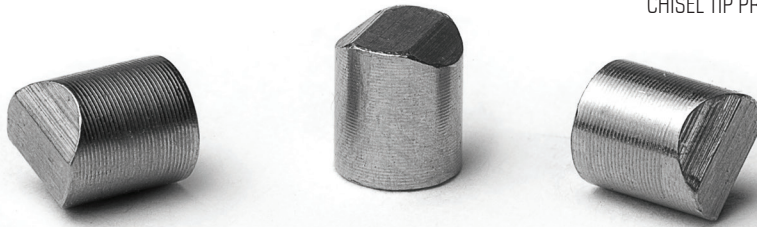


SPECTACLE - MINIMUM VELOCITY
.25 in diameter steel ball 150 Ft/sec

GOGGLE - MINIMUM VELOCITY
.25 in diameter steel ball 250 Ft/sec

U.S. MIL SPEC MIL-PRF-32432A STANDARDS

CHISEL TIP PROJECTILES USED IN MIL SPEC TESTING.



SPECTACLES STANDARD
.15 caliber (at 700-725 ft/sec)

GOGGLES STANDARD
.22 caliber (at 580-590 ft/sec)

U.S. MIL SPEC MIL-PRF-32432A

ESS protective eyewear surpasses the safety and ballistic testing standards found in MIL-PRF-32432A.

The U.S. military standard requires that ballistic eyewear must be able to withstand up to:

.15 caliber at 700-725 ft/sec for spectacles

.22 caliber at 580-590 ft/sec for goggles.

THE US MILITARY STANDARD IS OVER 6 TIMES THE KINETIC ENERGY LEVEL OF ANSI Z87.1 TESTING STANDARD. ESS EYE PRO EXCEEDS U.S. MILITARY STANDARDS.

