



**HP White
Laboratory**
An Intertek Company

Personal Protective Equipment Testing, Verification and Certification



ATC and NIJ Approved



For Soldier Protection System (SPS) and other individual equipment programs, HP White is the single-source provider of full-spectrum threat and performance testing. Don't waste time juggling multiple laboratories and test schedules. HP White will manage all of your material, sub-component and system-level testing, so your team can focus on preparing a successful proposal.



Helmet

- ARPD 10-02 Advanced Combat Helmet
- USMC Improved Helmet Suspension System
- GL-PD-09-04 Purchase Description (PD) for Enhanced Combat Helmet
- AR/PD 10-1 Purchase Description (PD) Nape Pad

Eyewear

- Military Combat Eye Protection System
- Transition Combat Eye Protection System
- ANSI/ISEA Z87.1-2010 American National Standard for Occupational and Educational Personal Eye and Face Protection Devices

Sensors

- MIL STD 461F EMI RE-102 Control of Electromagnetic Interference
- MIL STD 810G Environmental Engineering Considerations and Laboratory Tests

Body Armor

- IOTV FQ/PD 07-05F Body Armor, Multiple Threat/Interceptor Improved Outer Tactical Vest (IOTV) Generation III
- DRAFT Purchase Description (PD) AR/PD 13-01 Vital Torso Protection (HAPI - including: ESBI, XSBI, ESAPI, XSAPI, GAPI)

Torso and Extremity Protection

- Army Technical Statement of Need Extremity Protection (EACS, EACP, PUG, POG, EACG and more...)
- GL-PD 10-07 Purchase Description Cloth, Duck, Textured Nylon

Carbine

- MIL STD 810G Environmental Engineering Considerations and Laboratory Tests
- Accuracy, Dispersion, Barrel Erosion and more...

Ammunition

- ANSI/SAAMI Z299.4-1992 Rifle Velocity and Pressure Measurement

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Compliance and Marking



HP White was the first National Institute of Justice (NIJ) Approved body armor compliance test lab and has provided independent performance evaluation of law enforcement equipment for more than 30 years. Now you can get the HP White Mark to distinguish your highest performing armor products and drive performance specifications for wide range of features, like carrier durability, thinness, and areal density.



Body Armor

- NIJ STD 0101.06 Ballistic Resistance of Body Armor
- HOSDB Publication No. 39/07/B Body Armour for UK Police
- FBI Body Armor Test Protocol BATPv4.0
- DEA Armor Test Protocol (Revised)
- HPW-AD01-11 Areal Density of Body Armor
- NIJ STD 0115.00 Stab Resistance of Body Armor
- HOSDB Publication No. 39/07/C Body Armour for UK Police

Firearms

- NIJ STD 0112.03 Autoloading Pistols for Police
- CA DOJ Firearms Safety/Functionality
- MA 940 CMR 16.00 Handgun Sales

Gloves

- NIJ 99-114 Protocol for Comparative Evaluations of Protective Gloves for Law Enforcement and Corrections Applications

Shields


- NIJ STD 0108.01 Ballistic Resistant Protective Materials
- HOSDB Publication No. 47/2011 Portable Ballistic Protection for UK Police

Helmets

- NIJ STD 0106.01 for Ballistic Helmets
- NIJ STD 0104.02 Riot Helmets and Face Shields

Emergency Response Ensembles

- NIJ Standard-0117.00 Public Safety Bomb Suit Standard (SEI Certification also available)
- NIJ Standard-0116.00 CBRN Protective Ensemble Standard for Law Enforcement

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Third-Party Certification



Consolidate testing and certification services with HP White to save money and shorten lead to market. HP White provides a single point of entry for certification to National Fire Protection Association (NFPA), American National Standards Institute (ANSI) and other protective equipment standards. Don't waste time managing multiple labs. Contact HP White to coordinate all testing and streamline services.



Helmets, Footwear, Gloves

- NFPA 1971 Protective Ensemble for Structural Fire Fighting
- NFPA 1977 Protective Clothing and Equipment for Wildland Fire Fighting Clothing & Turnout Gear
- NFPA 1971 Protective Ensemble for Structural Fire Fighting
- NFPA 1975 Station/Work Uniforms for Fire Fighters
- NFPA 1999 Protective Clothing for Emergency Medical Operations
- NFPA 1977 Protective Clothing and Equipment for Wildland Fire Fighting

CBRNE

- NFPA 1991 Vapor-Protective Suits for Hazardous Chemical Emergencies
- NFPA 1992 Liquid Splash Protective Suits for Hazardous Chemical Emergencies
- NFPA 1994 Standard of Protective Ensemble for Chemical/Biological Terrorism Incidents

SCBA & Sensors

- NFPA 1981 Open-Circuit Self Contained Breathing Apparatus for the Fire Service
- NFPA 1982 Personal Alert Safety Systems (PASS) for Fire Fighter
- NFPA 1801 Standard of Thermal Imagers for the Fire Service

Ladders & Ropes

- NFPA 1983 Fire Service Life Safety Rope and System Components
- ANSI A14.2 and ANSI A14.5 for Portable Metal and Reinforced Plastic Ladders

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Safety and Performance



Whether your technology protects against microscopic threats like staph, full-speed impacts from blitzing linebackers, or flying hockey pucks, HP White can help you evaluate performance and get certified to international standards. From materials development through vendor qualification, and product certification, call HP White for comprehensive sports equipment testing that supports your go to market strategy.



Helmets, Eyewear, Faceshields

- NOCSAE DOC (ND) 002-98m05 Standard Performance Specification for Newly Manufactured Football Helmets
- ASTM F1045 Performance Specification for Ice Hockey Helmets
- ASTM F1446 Standard Test Methods for Equipment and Procedures Used in Evaluating the Performance Characteristics of Headgear
- ANSI/ASSE Z87.1 (ISEA Z87.1) Occupational and Educational Personal Eye and Face Protection Devices
- ASTM F1587 Standard Specification for Head and Face Protective Equipment for Ice Hockey Goaltenders
- ASTM F513 Safety Specifications for Eye and Face Protective Equip. for Hockey Players
- CPSC 16 CFR Part 1203 Safety Standard for Bicycle Helmets Final Rule ISO10256 Head and Face Protection for Use in Ice Hockey
- ND022 Standard Performance Specification for Newly Manufactured Baseball/Softball Batter's Helmets.
- CAN/CSA-Z94.1-05 R2010 - Industrial Protective Headwear - Performance, Selection, Care, and Use
- ASTM F1163-04a Standard Specification for Protective Headgear Used in Horse Sports and Horseback Riding

Uniforms and Clothing

- AATCC Test Method 135-2010 Dimensional Changes of Fabrics after Home Laundering
- AATCC Test Method 100-2004 Assessment of Antibacterial Finishes on Textile Materials
- ASTM D3884 - 09 Standard Guide for Abrasion Resistance of Textile Fabrics
- ASTM D2261-07a Standard Test Method for Tearing Strength of Fabrics by the Tongue

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World-Class Ballistics and a Whole Lot More...

HP White was founded in 1936 as a ballistics research laboratory. Today, we're an Intertek company supported by 35,000 colleagues with more than 1,000 locations around the world.

Testing, Verification and Certification

HP White provides a single point of entry to a global network of independent **testing** laboratories. From R&D through lot quality testing, material suppliers, equipment producers, and governments rely on HP White to deliver independent testing services with Consistency, Accuracy and Integrity.

HP White also provides independent **verification** of performance claims. Where technology develops faster than international standards and markets get crowded with unsubstantiated performance claims, the HP White mark can be used to distinguish high performance products and establish benchmarks for contracting officers to reference in solicitation requirements.

Where compliance testing and third-party **certification** is required, HP White and our family of Intertek labs have the expertise, facilities and accreditations needed to support global manufacturing, marketing, and distribution efforts.

In collaboration with the Safety Equipment Institute (SEI), HP White can deliver independent testing services in support of certification to standards from the American National Standards Institute (ANSI), Canadian Standards Association (CSA), National Fire Protection Association (NFPA) and more.

Where defense and law enforcement standards are concerned, HP White's expertise and capabilities are second to none. For more than 75 years, material producers, equipment manufacturers and governments have relied on the veracity of HP White test reports. Today HP White maintains accreditations for compliance testing from the US National Institute of Justice (NIJ), US Army Aberdeen Test Center (ATC), UK Centre for Applied Sciences and Technology (formerly *HOSDB*), and many others.



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