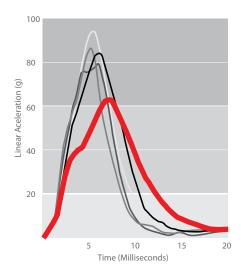


REDUCING ANGULAR ACCELERATION

Angular acceleration force is proven as the primary cause of concussion. 6D's Omni-Directional Suspension 'uncouples' the helmet from the head form by means of its suspended dual-liner technology. The suspended liners shear omni-directionally when subjected to oblique impacts thereby reducing the transfer of angular acceleration force to the head and brain during an accident.

Angular 7.5m/s Front / Incline Anvil



MANAGING LOW-THRESHOLD ENERGY

The vast majority of real-world helmet strikes qualify as low-threshold energy impacts. These are impacts below the certification pass/fail thresholds, but severe enough to cause concussion or worse. To meet high-velocity certification requirements, traditional helmet designs and helmets incorporating add-in shear plane technologies are still too stiff to effectively absorb energy from impacts at lower velocities. Omni-Directional Suspension starts working the instant any force is applied to the helmet shell, dramatically reducing low-threshold energy transfer to the brain.

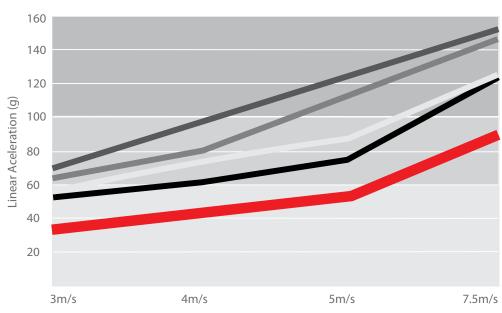
Linear 4m/s Side / Incline Anvil

●●Other Technology Helmets ●MIPS ●6D ATR-2/ODS



BROAD RANGE PROTECTION.

Linear / Front / Incline Anvil



6D's proprietary Omni-Directional Suspension consistently outperforms competitive designs across the entire range of potential impact velocities. 6D engineers the shell, ODS liners, and damper systems to provide the best possible impact mitigation performance across all impact velocities for both angular and linear accelerations

Linear Front / Incline Anvil

●●● Other Technology Helmets ■ MIPS ● 6D ATR-2/ODS

TIME-TO-PEAK (TTP)

TTP is how long it takes the energy of an impact to reach maximum G-force.

Deceleration time is the single most beneficial component in reducing the severity of any impact - the more time, the less energy transferred to the brain. Omni-Directional Suspension adds time to the impact event equation by activating sooner and at lower impact velocities.



ATR-2. ODS. REBUILDABLE.

MULTI-IMPACT OUTER EPP (Expanded Polypropelyene) LINER

Strategically positioned multi-impact EPP outer liner scientifically engineered with 'Damping Towers' to provide a progressive spring rate to the ODS system during impacts. The multi-impact property of EPP is the key element that allows the rebuilding* of the ATR-2 after a moderate to severe impact event.

LOW-FRICTION DISKS

Multiple smooth disks top the damping towers to reduce friction under loading thereby reducing angular acceleration.

REPLACEABLE INNER EPS (Expanded Polystyrene) LINER

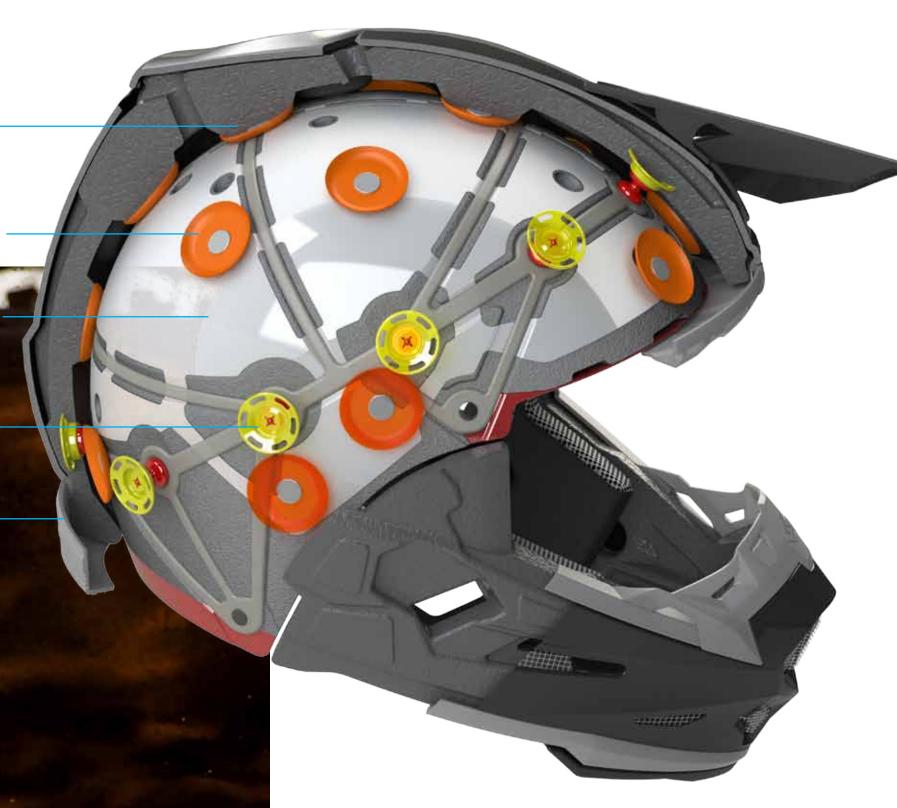
The inner EPS liner is the first layer of defense. It is effectively a helmet within a helmet having its own in-molded PVC (Polyvinyl Chloride) shell. This shell serves many functions, providing hoop strength and a low-friction surface that aids in reducing angular acceleration forces.

ELASTOMERIC ISOLATION DAMPERS

An array of Isolation Dampers connect the ODS carrier to the outer EPP liner and work in unison to mitigate low-threshold impact energy and manage rotational force.

OPTIMIZED SHELL DESIGN

The 6D concept of 'Optimized Shell Design' does not define one element, but a matrix of materials—engineered to work in concert to provide greater protection and energy mitigation. The shell must have the structural integrity to prevent penetration or delamination, but it should not be overly stiff or rigid either





ATR-2 DRIVE GRAPHIC

ATR-2 / THE GOLD STANDARD IN OFF-ROAD HELMETS

- Composite Carbon Fiber ShellProprietary Omni-Directional Suspension
- Rebuildable*
- Light WeightAggressively Vented
- Emergency Release Cheek Pads









| White | 12-2714 | 12-2715 | 12-2716 | 12-2717 | 12-2718 | 12-2719 | |
|-------------|---------|---------|---------|---------|---------|---------|--|
| Cyan | 12-2724 | 12-2725 | 12-2726 | 12-2727 | 12-2728 | 12-2729 | |
| Neon Yellow | 12-2764 | 12-2765 | 12-2766 | 12-2767 | 12-2768 | 12-2769 | |
| Neon Orange | 12-2754 | 12-2755 | 12-2756 | 12-2757 | 12-2758 | 12-2759 | |
| 3 | | | | | | | |

ATR-2 FUSION GRAPHIC

6D ATR-2 MOTO / OFFROAD

The ATR-2 is the most advanced helmet ever manufactured for off-road motorcycle riding or competition. Its high-tech ODS system combined with its ability to be rebuilt after most moderate to severe crash impacts separate this helmet from all others. Designed and engineered to provide the most active and progressive energy management solution possible, the ATR-2 outperforms all others in impact mitigation across the broadest range of impact demands.

The ATR-2 is certified to exceed US DOT FMVSS 218, ASTM F3103 (US), ECE 22.06 (50 Countries World-Wide), and ACU (UK) standards.











ATR-2 TACTICAL GRAPHIC











ATR-2 TACTICAL GRAPHIC / MATTE XS

12-3004 12-3005 12-3006 12-3007 12-3008 12-3009











ATR-2 PHASE GRAPHIC / GLOSS XS S M L XL XXL White/Red 12-2834 12-2835 12-2836 12-2837 12-2838 12-2839 Black/Green 12-2844 12-2845 12-2846 12-2847 12-2848 12-2849 White/Orange 12-2824 12-2825 12-2826 12-2827 12-2828 12-2829 Black/Glod 12-2804 12-2805 12-2806 12-2807 12-2808 12-2809

ATR-2 PHASE GRAPHIC





ATR-2Y YOUTH DRIVE GRAPHIC

ATR-2Y YOUTH / MOTO / BMX / DH

The ATR-2Y is an exact carbon copy of the adult ATR-2, just miniaturized to meet the needs of its user. It's infused with the same advanced ODS technology, but specifically engineered to match the needs of the growing child and their still-developing brain.

The ATR-2Y is certified to exceed US DOT FMVSS 218, ASTM F3103 (US), ECE 22.06 (over 50 Countries World-Wide), and ACU (UK) standards.





ATR-2Y YOUTH FUSION GRAPHIC











ATR-1 STEALTH GRAPHIC

ATR-1 MOTO / OFF-ROAD

and ACU (UK) standards.

6D revolutionized helmet design with the 2013 introduction of the ATR-1 helmet, whose Omni-Directional Suspension technology set new standards in athlete brain protection. 6D's ODS system proved superior by mitigating impact energy over a much broader range of energy demands (including both linear and angular acceleration forces) than traditional helmet designs. Now, the ATR-1 enjoys a lower price allowing more riders the safety benefits and superior protection of this exceptional helmet. The ATR-1 is certified to exceed US DOT FMVSS 218, ASTM F3103 (US), ECE 22.05 (Over 50 Countries World-Wide),



ATR-1 APEX GRAPHIC





ATR-1 APEX GRAPHIC / MATTE XS S M L XL XXL

White 10-4514 10-4515 10-4516 10-4517 10-4518 10-4519 Red 10-4534 10-4535 10-4536 10-4537 10-4538 10-4539



ATR-1 SOLID

Black Matte White Gloss

XS



ATS-1R ALPHA GRAPHIC

ATS-1R STREET

The ATS-1R represents the pinnacle of safety and performance for the on-road motorcycle enthusiast or racer. Featuring 6D's proprietary Omni-Directional Suspension system, the ATS-1R provides the most advanced impact and energy management system available in a street helmet today. Developed during our award-winning work within the NFL's Head Health Challenge III, its advanced ODS system delivers significant improvements in both linear and angular acceleration mitigation compared to market competitors.

The 6D ATS-1R is certified to exceed the US DOT FMVSS 218 (United States), ECE 22.06 (Over 50 Countries World-Wide), and the United Kingdom's ACU standards.

Sizes XS,S,M Exceed FIM FRHPhe-01 International Racing Standard.



ATS-1R ALPHA XS S M L XL XXI

Silver 30-0584 30-0585 30-0586 30-0587 30-0588 30-0589 Bronze 30-0574 30-0575 30-0576 30-0577 30-0578 30-0579

Sizes XS,S,M Exceed FIM FRHPhe-01 International Racing Standard. Helmets shown with optional dark shield.



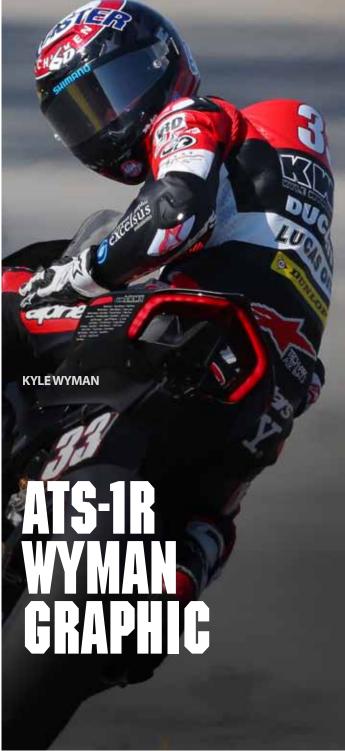


ATS-1R WYMAN XS S M L XL XXL

 Red/Black
 30-0734
 30-0735
 30-0736
 30-0737
 30-0738
 30-0739

 Black/Grey
 30-0704
 30-0705
 30-0706
 30-0707
 30-0708
 30-0709

 Sizes XS,S,M Exceed FIM FRHPhe-01 International Racing Standard. Helmets shown with optional dark shield.









ATS-1R PATRIOT XS S M L XXL

Red/White/Blue Black 30-0694 30-0695 30-0696 30-0697 30-0698 30-0699 30-0609

Sizes XS,S,M Exceed FIM FRHPhe-01 International Racing Standard. Helmets shown with optional dark shield.





 ATS-1R Solid
 XS
 S
 M
 L
 XL
 XXL

 Matte Black
 30-0284
 30-0285
 30-0286
 30-0287
 30-0288
 30-0289

 Gloss Silver
 30-0294
 30-0295
 30-0296
 30-0297
 30-0298
 30-0299

 Gloss Black
 30-0204
 30-0205
 30-0206
 30-0207
 30-0208
 30-0209

 Gloss Cement Grey
 30-0274
 30-0275
 30-0276
 30-0277
 30-0278
 30-0279

 Gloss White
 30-0214
 30-0215
 30-0216
 30-0217
 30-0218
 30-0219

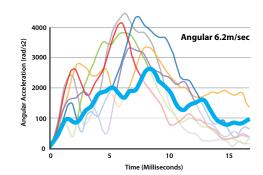
 Sizes XS,S,M Exceed FIM FRHPhe-01 International Racing Standard. Helmets shown with optional dark shield.

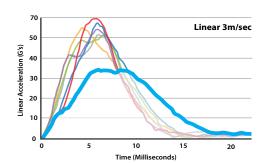


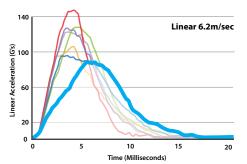












The new ATB-2T outshines the competition in energy management performance. Comparing angular, low, and high-velocity impact testing results by an independent 3rd party laboratory*, you can see the significant reductions in energy transfer across each of the injury metrics.

*Dynamic Research Inc..

6D The Competition



THE NEW ATB-2T, 3 YEARS IN DEVELOPMENT

- PATENTED OMNI-DIRECTIONAL SUSPENSION (ODS)
- MITIGATES ANGULAR AND LINEAR ACCELERATIONS
- IONIC+ ANTIMICROBIAL COMFORT LINER
- EXCEPTIONAL FLOW-THROUGH VENTILATION
- 3-POSITION ADJUSTABLE / REMOVABLE VISOR
- EXCEEDS CPSC / EN1078 / AU/NZS 2063 STANDARDS
- EXCEEDS NTA 8776 E-BIKE STANDARDS
- VIRGINIA TECH 5 STAR RATING
- INTEGRATED SUNGLASS DOCK
- EYEWEAR / GOGGLE COMPATIBLE
- ADJUSTABLE FITMENT SYSTEM
- POLYCARBONATE SHELL
- FIDLOCK CLOSURE SYSTEM
- MESH TRAVEL BAG

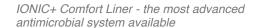




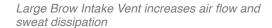
The Integrated Sunglass Dock keeps your eyewear in place



Massive Rear Vents evacuate heat from the head









FIDLOCK Magnetic Closure provides singlehanded use for added safety and comfort



Proprietary 6D Stap Dividers maintain correct strap positioning



ATB-2T TRAIL

5-Star Virginia Tech rated and E-Bike Certified, the ATB-2T incorporates our 4th generation Omni-Directional Suspension system, mating a multi-impact EPP liner to an EPS outer liner and PC shell. The combination of materials and our award-winning technology provides unmatched performance in Low Speed, Angular, and High Velocity impacts encased in a lightweight, fully ventilated trail helmet.

The ATB-2T is certified to exceed the EN 1078, EHSR/EU 2016/425, CPSC 16CFR 1203, AS/NZS 2063 and NTA 8776 E-Bike standards.



| ATB-2T ASCENT | XS/S | M/L) | KL/XXL | |
|----------------------|---------|---------|---------|--|
| Black Matte | 23-0004 | 23-0006 | 23-0008 | |
| Sand/Black Matte | 23-0034 | 23-0036 | 23-0038 | |
| Neon Yel/Grey Matte | 23-0044 | 23-0046 | 23-0048 | |
| Grey Matte | 23-0084 | 23-0086 | 23-0088 | |
| Slate Blue Matte | 23-0064 | 23-0066 | 23-0068 | |
| Black/Camo Matte | 23-0014 | 23-0016 | 23-0018 | |
| White/Black Matte | 23-0024 | 23-0026 | 23-0028 | |





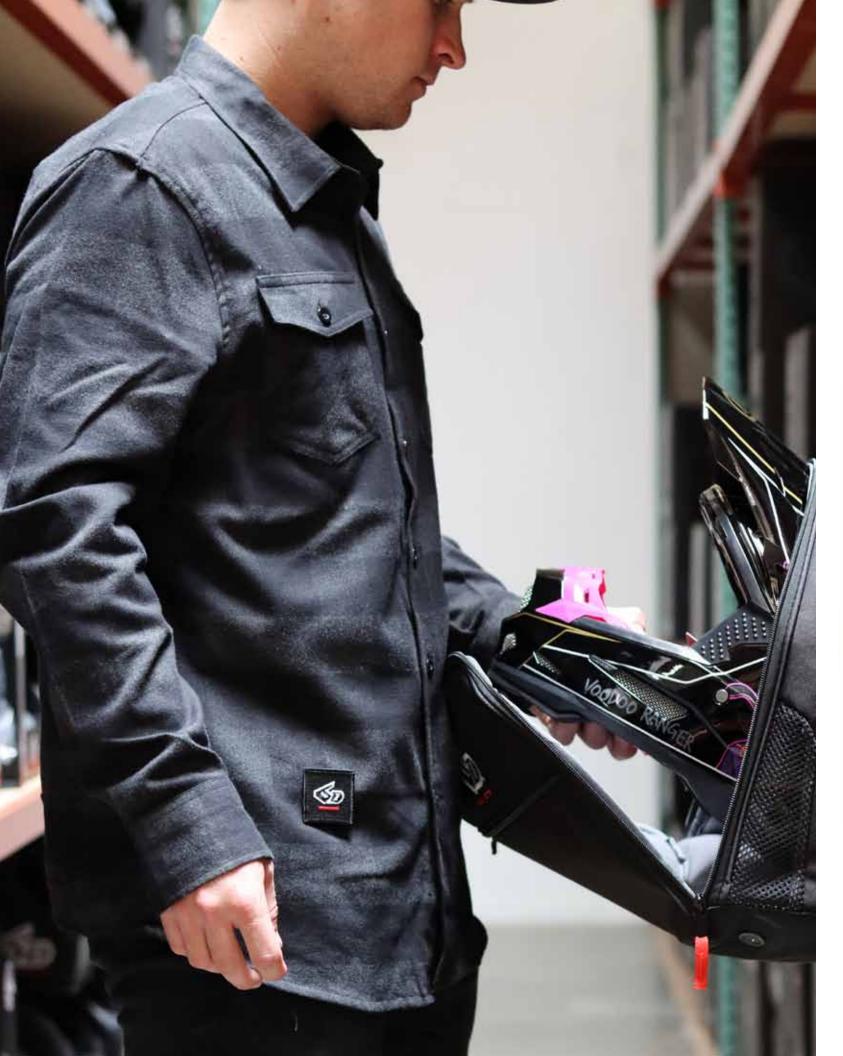


ATB-1 SOLID / MATTE Carbon Black White

XS S M L 20-2604 20-2605 20-2606 20-2607 20-2614 20-2615 20-2616 20-2617

ATB-1 SOLID





APPAREL



Patch Flannel Black S 51-4005 M 51-4006 L 51-4007 XL 51-4008 XXL 51-4009



Zip-Up Windbreaker Navy Blue / Olive Green S 51-0205 M 51-0206 ØL 51-0207 XL 51-0208 XXL 51-0209



Company T Black S 50-4315 M 50-4316 L 50-4317 XL 50-4318

Fade T
Black S 50-4385 M 50-4386 L50-4387 XL 50-4388
XXL 50-4389
Fade Youth T
Black S 50-4465 M 50-4466 L50-4467 XL 50-4468

Signature T
Black S 50-4405 M 50-4406 L 50-4407 XL 50-4408
XXL 50-4409
Signature Youth T
Black S 50-4475 M 50-4476 L 50-4477 XL 50-4478

Tactical T Black XS 50-4304 S 50-4305 M 50-4306 L 50-4307 XL 50-4308 XXL 50-4309



Tactical T Olive Green XS 50-4414 S 50-4415 M 50-4416 L 50-4417 XL 50-4418 XXL 50-4419

Hand Drawn T Navy S 50-4435 M 50-4436 L50-4437 XL 50-4438 XXL 50-4439

Go Bold Women's T Grey XS 50-4354 S 50-4355 M 50-4366 L 50-4367 XL 50-4368

Registered T Burgandy S 50-4445 M 50-4446 L 50-4447 XL 50-4448 XXL 50-4449

Next Level T Grey XS 50-4424 S 50-4425 M 50-4426 L 50-4427 XL 50-4428 XXL 50-4429





6D Race Umbrella 52-9005



- MTB Gloves
 Lightweight, Velcro closure.
 4-Way breathable, micro-mesh upper panel provides flexibility, comfort and optimal fit.
 Single-layer, synthetic leather palm offers maximum fool and orin
- feel and grip.
 Silicon printed fingertips for lever grip.
 Black S 52-4005 M 52-4006 L 52-4007 XL 52-4008



6D / OGIO Backpack Black 51-9001



6D / FXR ProFlex UPF MTB Jersey Steel / Red S 53-0005 M 53-0006 L 53-0007 XL 53-0008 XXL 53-0009



Full-Zip Hoodie Black 5 51-3025 M 51-3026 L 51-3027 XL 51-3028 XXL 51-3029



XXL 51-0129



Classic Logo T Black S 50-3545 M 50-3546 L 50-3547 XL 50-3548 XXL 50-3549



Classic Snapback Hat Black 52-3300



Trucker Hat Grey 52-3009 Black 52-3010



Helmet Bag 74-1001



Logo Beanie Black 52-3002 Grey 52-3001



Cycling Socks
Black XS/S 52-7000 M/L 52-7001



ATS-1R ATS-1R Face Shield Clear (Anti-fog, Anti-scratch) 82-5001 Light Smoke (Anti-fog, Antiscratch) 82-5007 Dark Smoke (Anti-fog, Anti-scratch) 82-5002 Race Clear (Tearoff Ready, Anti-fog, Anti-scratch) 82-5009 Race Light Smoke (Tearoff Ready, Anti-fog, Anti-scratch) 82-5008 Race Dark Smoke (Tearoff Ready, Anti-fog, Anti-scratch) 82-5004





ATS-1R Comfort Liner Our proprietary design provides optimum support, comfort and



ATS-1R Pinlock Lens Insert Clear 83-5001

ATS-1R Pinlock Pins



ATS-1R Cheek Pads (Set)

ATR-2 \(ATR-1

FOR A COMPLETE LIST OF ALL 6D PARTS AND ACCESSORIES VISIT 6DHELMETS.COM



ATR-2/ATR-1/ATB-1 Replacement Visor Screw **Kit** Set) 73-1011



ATR-2/ATR-1/ATB-1 Visor Key 73-2000



ATR-2/ATR-1 SuperCool

The SuperCool liner system is a unique perforated outer fabric (not foam backed), combined with opencell 6D mesh material that completely replaces the dense comfort foam. The result is a dramatic increase in air flow. Moisture quickly evaporates and air can travel through with little restriction, allowing cool air in and heat to escape. When combined with the ODS Air-Gap, the performance is greatley improved over traditional liners



ATR-2/ATR-1 Comfort Liner It's a real luxury to have an extra liner to switchout between motos. Our

proprietary design provides optimum

support, comfort and fit. ATR-2/ATR-1 Custom-Fit Comfort Liner

A unique option for custom fitting your 6D ATR-1 helmet. The MS liner allows you to create a fit that falls

between the two sizes.



ATR-2/ATR-1 Cheek Pads

ATR-2/ATR-1/ATB-1 Super-Cool Cheek Pads (Set)



ATR-2/ATR-1 Chin Strap Covers (Set)



ATR-1/ATR-1Y Replacement Mouthpieces ATR-2/ATR-1 Helmet Mud

Kit by TwinAir Prevents mud buildup on the helmet shell, a must-have for those

nasty mud races! Easy installation. 73-0000



ATB-1



ATB-1 Replacement Visors



ATB-1 Comfort Liner ATB-1 Custom-Fit Comfort



ATB-1 Replacement Mouthpieces



ATB-1 Cheek Pads (Set) ATB-1 Chin Strap Covers

ATB-2T



ATB-2T Replacement Visors



ATB-2°T Comfort Liner

