

# **EXFIL® BALLISTIC SL**

# PERFORMANCE STANDARDS

NIJ III-A I 9mm BFD < 25.4 mm 17gr V50 > 2400 ft/s Details on Back







#### SIZE 1 SIZE 2

58-63 Head Circumference (cm) 52-60 Head Circumference (in) 20.5-23.5 23-24.75 Hat Size (USA) 6 5/8-7 1/2 7 3/8-7 7/8 ACH/MICH Size Equivalent S/M/L L/XL

Two sets of comfort pads (thin and thick) included with both sizes for further customization

#### COLORS

Black (FED-STD-595C #37031)

Coyote Brown (FED-STD-595C #20150)

Ranger Green (Pantone 7770c)

MultiCam® (Hydrographic)

Additional colors and hyrdographics available upon request

# WEIGHT

Size 1 | Shell: 1.51 lbs (0.685 kg) | Complete System: 2.22 lbs (1.01 kg) Size 2 | Shell: 1.59 lbs (0.725 kg) | Complete System: 2.31 lbs (1.05 kg)

Complete system weight includes Helmet Shell, Accessory Rails, Impact Liner and Retention System



# ENVIRONMENTAL CONDITIONS / MIL-STD-810G METHODS

501.5P1 High Temperature | 502.5P1 Low Temperature 507.5 Humidity | 509.5 Salt Fog | 510.5 PII Blowing Sand/Dust 514.6 Loose Cargo Vibration I 500.5PI Low Pressure (Altitude)

# SHELL ASSEMBLY

- > Ballistic Performance: NIJ Level III-A (according to NIJ STD 0106.01/0108.01)
- > Fragment Performance: 17gr V50 ≥ 2400 ft/s (731 m/s)
- > Backface Deformation: 9mm FMJ RN @ 1195 ft/s (365 m/s), BFD < 25.4 mm all locations
- > Ballistic Certification: Certified by a third-party NIJ accredited laboratory
- > EXFIL® SL Rail is 25% lighter than the EXFIL® Ballistic 2.0 Rail, maintains mounting capabilities for all common accessories and allows integration of EXFIL® Ballistic Visor
- > Wilcox® SL shroud for NVG mounts provides a 35% reduction in weight from EXFIL® Ballistic Wilcox® W shroud, maintains strength and precision of a machined aluminum insert and glass filled polymer body; compatible with retractable lanyard system

# Materials

- > Shell: Polyethylene and other fibers in a proprietary composite matrix
- > VELCRO® USA: Loop 1100, military loop

# LINER SYSTEM

- > Three-piece Zorbium® foam impact liner with 16 individual comfort pads in two thicknesses, all Berry compliant materials
- > Exceeds ACH Blunt Impact requirement per AR/PD10-02, 16Dec'13

# Materials

- > Zorbium®: Proprietary polyurethane impact and comfort foam also used in the standard issue U.S. Army and Marine Corps 7-Pad System
- > Impact Liner: Proprietary water-resistant film and loop fabric covering
- > Comfort Pads: Proprietary water-resistant film and antimicrobial wicking fabric covering

# RETENTION

- > Team Wendy® CAM FIT™ Retention with Boa® Fit System for optimized stability and fit
- > Features boltless design with high-strength hook/loop attachment, meets ACH pull strength requirements
- > Cam Lock sliders for one-handed adjustment and secure fit
- > Left eye dominant option available

#### Materials

- » Boa® Fit System with micro-adjustable dial, coated stainless steel cable and low friction guides
- MIL-DTL-32067 leather chincup
- > 5/8" nylon webbing
- > Acetal buckles and cams
- > 500D Cordura nape pad with Zorbium® foam
- Antimicrobial wicking headband sleeves

# **AVAILABLE ACCESSORIES**

# EXFIL® BALLISTIC EAR COVERS

Extend NIJ III-A ballistic coverage to greater than full-cut ACH

# EXFIL® BALLISTIC HELMET COVERS

Mesh cover available in Black, Coyote Brown and MultiCam®

#### EXFIL® BALLISTIC VISOR

Provides stowable ANSI/MCEP and fragmentation protection with direct rail mount

# EXFIL® OXYGEN MASK STRAP KIT

For attachment of Para-Flite PHAOS and Carleton PHANTOM O2 masks

#### EXFIL® PELTOR™ QUICK RELEASE ADAPTER KIT

Provides tool free, direct rail mount of all Peltor™ COMTAC systems

# EXFIL® QUICK RELEASE RAIL ADAPTER

Tool free accessory attachment, includes 5-slot Picatinny rail

#### Part Numbers

Size 1 Black: 76-21S-E21 Size 2 Black: 76-22S-F22

Size 1 Coyote Brown: 76-31S-E31 Size 2 Coyote Brown: 76-32S-E32

Size 1 MultiCam: 76-41S-E31 Size 1 Ranger Green: 76-71S-E71

Size 2 MultiCam\*: 76-42S-E32 Size 2 Ranger Green: 76-72S-E72

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