

FAMOSTONE® Ballistic Helmet Shell

NEW
Lightest Helmet Shell
from 600 gram

Polyethylene PASGT / MICH Ballistic Shells for Helmet Manufacturers



FAMOSTONE® ballistic helmet shells are made from specially designed High Performance Polyethylene (HPPE) Uni Directional (UD) materials, which are made using UHMW-PE fibers. These shells are the next-generation in lightweight, high-performance protection. **FAMOSTONE®** ballistic helmet shells are designed for maximum comfort, protection and incorporate the latest technology in ballistic composite construction.

FAMOSTONE® helmet shells fully comply with the requirements of MIL-STD-662F. In addition, they comply with various NIJ Ballistic standards for bullet resistance. They are available in popular PASGT and MICH shapes, enhance the wearer's aural perception, assist in acquiring a sight picture, and do not interfere with the soldier's body armor system.

Protection level: IIIA according to NIJ standard 0106.01

Table: V₅₀ Performance for Ballistic Shell, Size Large

| Shell Weight [gr] | Fragments 17 grain / 1.1 gram | | Bullet Resistance |
|-------------------|-------------------------------|--------------------------|--|
| | V ₅₀ [m/sec] | V ₅₀ [ft/sec] | |
| 700 | 650 | 2130 | 9 mm V ₀ =1400±50 ft/sec (430 m/sec) |
| 800 | 700 | 2300 | 9 mm & 0.44 Mag. |
| 900 | 740 | 2430 | NIJ level IIIA |
| 1000 | 780 | 2560 | NIJ level IIIA |

Fragment tests done according to MIL-STD-662F Test

Key Features

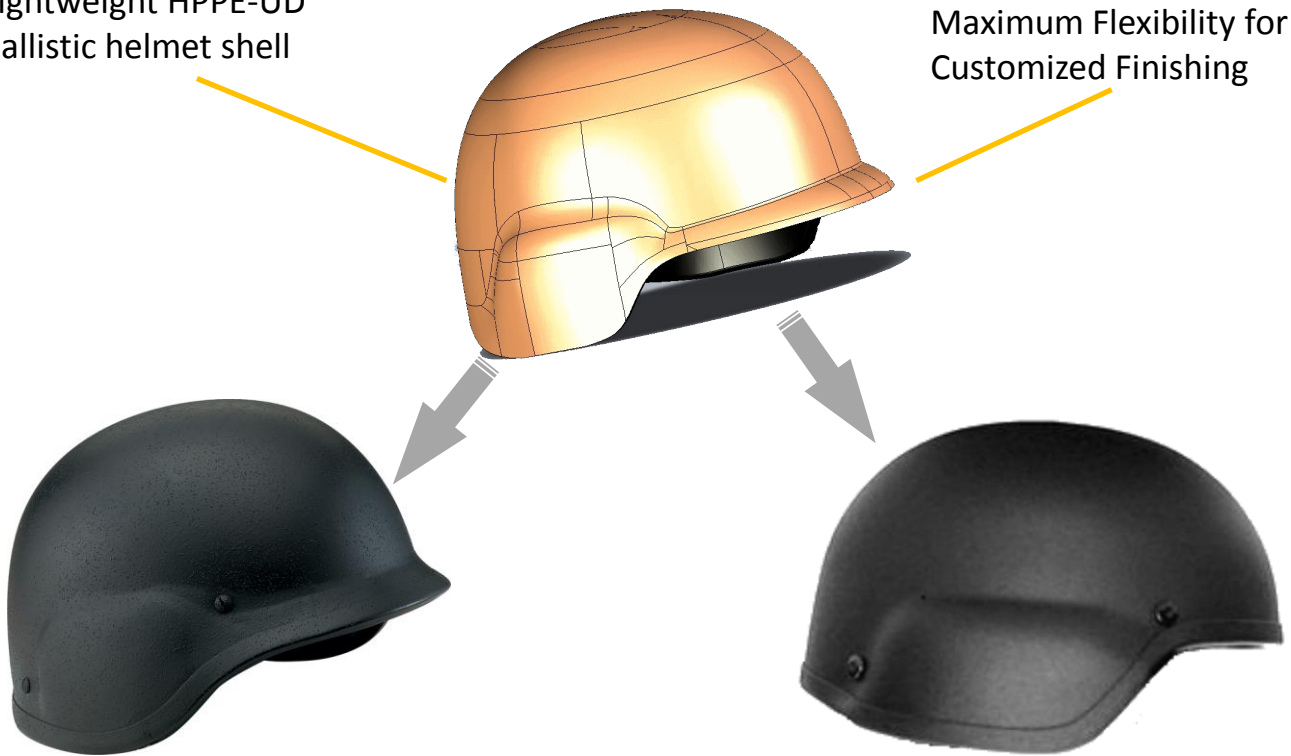
- ✓ Extremely Lightweight
- ✓ Maximum protection
- ✓ High ballistic performance
- ✓ Ergonomic design
- ✓ Chemical & water resistance

| Available Sizes | Shell Weight [gram] |
|-----------------|---------------------|
| Small | 600 |
| Medium | 700 |
| Large | 800 |
| Extra Large | 900 |

Shell weights for $V_{50} = 700$ m/sec

Lightweight HPPE-UD ballistic helmet shell

Maximum Flexibility for Customized Finishing



PASGT Shape

MICH Shape

Warranty

The warranty of this product is according to the Terms and Conditions of Sale and effective for five years from the date of shipment from FMS Enterprises Migun Ltd. For further warranty information, please see the full Warranty Disclaimer.

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