

OMEGA CORE HELMET

(H6S-P1)

Primarily designed for military applications, the Omega Core Helmet offers reliable fragment protection as well as safeguarding against projectiles from handguns.

Made from high-performance polyethylene, the high-comfort Omega Core Helmet provides excellent lightweight ballistic protection.



BALLISTIC DATA

STANAG 2920

- V50 FSP 1,1g 710m/s

Bullet resistance against the following types of ammunition:

- 9mm DM41 Luger @415 m/s
- 9mm FMJ @436 m/s
- 357 SIG @448 m/s
- .44 MAG @436 m/s

ADDITIONAL TESTING

Helmet system:

- Testing according to the Gesamtsystem "Ballistic Helmet" May 2010 Chapter 3.1
 - Durability of shell and varnish
 - At least 40% sodium hydroxide
 - 36% hydrochloric acid
 - 30% sulfuric acid
 - 100% acetone
 - Petrol
- TR 3.3 Burning behavior, DIN EN 137 (Nr. 7.4.1.4), DIN 397
- DIN EN 397 Shock absorption
- DIN EN ISO 12947-23 Abrasion resistance
- Rails
 - Compatible with Picatinny-Rails MIL-STD-1913 / STANAG 2324

Textile parts:

- Oeko-Tex Standard 100 (Product class II) skin contact
- DIN EN ISO 105-E04 (Sweat resistance at least 3 - 4 (acidic/alkaline) and heat-resistant)

TECHNICAL DATA

Material:

High-Performance Polyethylene

Sizes:

Available in four sizes from 48cm up to 64cm head circumference.

S = 48-54cm

M = 52-58cm

L = 56-62cm

XL = 60-64cm

Versions:

Available in high and mid-cut versions.

Weight:

Approx. 1240 g*

*Size L, high-cut including interior parts and all attachments

Colors:

Black RAL9005

Browngrey RAL7013

Greybeige RAL1019

Olive Green RAL6003

Black Grey RAL7021

OMEGA HYBRID HELMET

(H6S-PT1)

Designed for robust protection coupled with superb comfort and exceptional versatility. The combination of minimal weight, extraordinary ballistic performance, and low residual energy is made possible by its innovative, high-performance polyethylene outer shell and supremely strong titanium inner shell.

The PT1 version was designed to meet the specific requirements of a European police special force unit.



BALLISTIC DATA

- 9x19mm THV 3g Brass @ 730-740m/s
- 9x19mm THV @ 650-670m/s
- 9x19mm DM41 @ 440-450m/s
- .357 Mag FMJ @ 430-450m/s
- .44 Mag @ 430-450m/s

With additional up-Armouring-plates

- 7.62x25mm Tokarev M43 @ 710m/s

ADDITIONAL TESTING

Helmet system:

- Testing according to the Gesamtsystem "Ballistic Helmet" May 2010 Chapter 3.1
 - Durability of shell and varnish
 - At least 40% sodium hydroxide
 - 36% hydrochloric acid
 - 30% sulfuric acid
 - 100% acetone
 - Petrol
- TR 3.3 Burning behavior, DIN EN 137 (Nr. 7.4.1.4), DIN 397
- DIN EN 397 Shock absorption
- DIN EN ISO 12947-23 Abrasion resistance
- Rails
 - Compatible with Picatinny-Rails MIL-STD-1913 / STANAG 2324

Textile parts:

- Oeko-Tex Standard 100 (Product class II) skin contact
- DIN EN ISO 105-E04 (Sweat resistance at least 3 - 4 (acidic/alkaline) and heat-resistant)

TECHNICAL DATA

Material:

High-Performance Polyethylene
Titanium

Sizes:

Available in two sizes from 52cm up to 62cm head circumference.

M = 52-58cm

L = 56-62cm

Versions:

Available in high cut, mid-cut on request.

Weight:

Approx. 1740 g*

*Size L, high-cut including interior parts and all attachments

Colors:

Black RAL9005
Browngrey RAL7013
Greybeige RAL1019
Olive Green RAL6003
Black Grey RAL7021

OMEGA HYBRID HELMET

(H6S-PT2)

Designed for robust protection coupled with superb comfort and exceptional versatility.

The combination of minimal weight, extraordinary ballistic performance, and low residual energy is made possible by its innovative, high-performance polyethylene outer shell and supremely strong titanium inner shell.



BALLISTIC DATA

VPAM HVN 2009

- Level 3 9mm Luger DM41 @ 415 ± 10m/s

ADDITIONAL TESTING

Helmet system:

- Testing according to the Gesamtsystem "Ballistic Helmet" May 2010 Chapter 3.1
 - Durability of shell and varnish
 - At least 40% sodium hydroxide
 - 36% hydrochloric acid
 - 30% sulfuric acid
 - 100% acetone
 - Petrol
- TR 3.3 Burning behavior, DIN EN 137 (Nr. 7.4.1.4), DIN 397
- DIN EN 397 Shock absorption
- DIN EN ISO 12947-23 Abrasion resistance
- Rails
 - Compatible with Picatinny-Rails MIL-STD-1913 / STANAG 2324

Textile parts:

- Oeko-Tex Standard 100 (Product class II) skin contact
- DIN EN ISO 105-E04 (Sweat resistance at least 3 - 4 (acidic/alkaline) and heat-resistant)

TECHNICAL DATA

Material:

High-Performance Polyethylene
Titanium

Sizes:

Available in two sizes from 52cm up to 62cm head circumference.

M = 52-58cm

L = 56-62cm

Versions:

Available in high and mid-cut.

Weight:

Approx. 1580 g*

*Size L, high-cut including interior parts and all attachments

Colors:

Black RAL9005

Browngrey RAL7013

Greybeige RAL1019

Olive Green RAL6003

Black Grey RAL7021