

HJELM 4th Gen – HC 160 F

DESCRIPTION

The HJELM HC160F has been developed to meet the most demanding weight saving requirements while providing a high level of fragment protection.

The NFM Ultralight 4th Gen advances the NFM HJELM system to the next level of weight saving, utilizing the unique pressing technology of FREC-II®.

The HJELM HC160F carries on the same DNA which provides the user with uncompromising modularity and functionality, providing a leading fit and comfort while worn.

Modularity is at the core of the system approach within the design. Every feature allowing the user to adapt and optimize the HJELM Ultralight 4th Gen to mission specific requirements or personal preferences.



KEY FEATURES

- Lightweight ballistic shell featuring FREC-II® pressing technology
- HASP™ (Helmet Attachment System Pattern) eliminates the use of stationary Velcro®
- Edgemount™ features small adapters for equipment attachment, rather than traditional rails. This gives the user a mission configurable helmet, only adding weight when adding functionality.
- Optional modular ACH - SCA Rail (System Component Adapter)
- Skullplate Liner System together with Koroyd® impact protection provides an unmatched combination of comfort, stability, and protection
- SkullPlate Liner with Integrated wheel-dial system provides superior load distribution, fitting and eliminates sizing gaps in-between shell sizes
- Chinstrap with rear-mounted buckles ensures minimal interference with respiratory masks and when sighting a weapon - optional chinstrap with chin-buckle.
- Compatible with common helmet- or head borne communication systems
- Lightweight NVG Shroud

HJELM 4th Gen - HC 160 F

TECHNICAL DATA

Art. Name:	HJELM 4 th Gen - HC 160 F
Shell weight	Prox 490gr +/-2 grams variation XL-N
Shell thickness	4,8 mm (average)
Fragmentation Resistance	STANAG 2920 Ed. 3 – AEP 2920 Ed.A Version 2 Fragment 1.1g type F5 (sim), V50 of 702,45 m/s
Resistance to penetration 9 mm NIJ 0106.01 point 5.2 RTP with NIJ 0108.01 Level IIIa (9mm FMJ @ 426 +/- 15 m/s) HPW-TP-0401.01B. BFD with NIJ 0108.01 Level IIIa (9mm FMJ @ 426 +/- 15 m/s)	Back Face Deformation acc. to Standard HPW-TP-0401.01B. Front Trauma (av): 14,6 mm Rear Trauma (av): 14,9 mm Left Trauma (av): 16,6 mm Right Trauma (av): 15,3 mm Top Trauma (av): 14,0 mm

AVAILABLE COLORS



SIZING

SHELL SIZE	LENGHT [mm]	WIDTH [mm]	CIRC. (approx.) [cm]	System weight*
M	172-187	141-156	51-55	850 g
L-N	187-202	137-152	53-57	920 g
L-W	187-202	152-167	55-59	930 g
XL-N	197-212	143-158	56-60	955 g
XL-W	202-217	155-170	58-62	970 g
XXL	210-225	165-180	61-65	1050 g

*System weight can deviate due to production. If applying the optional ACH-SCA Rail, system weight increase with 60g rails and 10g for the bungees

GENERAL CARE

Any piece of equipment needs to be taken care of to perform as specified – also helmets. The whole helmet can be cleaned/ rinsed with fresh water. A mild detergent can be used if necessary. Dust and dirt can be blown off using pressurized air. Make sure nothing is loose and that all screws/nuts are tightened properly. *> For further details, please refer to the User Manual.*

HJELM 4th Gen - HC 160 F

INCLUDED ACCESSORIES

NVG shroud (standard helmet component)	1 pc
Edgemount™ Top Rail Adapter	2 pcs
Edgemount™ Rear Rail Adapter	2 pcs
Edgemount™ M-LOK Adapter	2 pcs
Torx tool, T-nuts with cable clips and screws	1 foil bag
M-LOK Adapter	2 pcs
D1 (7mm) Pad for COMM headband adjustment	1 pc
D2 (10mm) Pad for COMM headband adjustment	1 pc
Helmet bag	1 pc
H-patch	1 pc
IFF-patch	1 pc
MOHOC-patch	1 pc

OPTIONAL ACCESSORIES

ACH-SCA Rail (standard helmet component)
Bungee cords
IRR Helmet cover with HASP™ H-patch to install cover
Ballistic Side armor
Ballistic Mandible
Visor (Riot, Fragmentation, Ballistic)
Ballistic Applique
div. mounting bases
Counterweight and battery packs
Chinstrap extender for use with CBRN masks

D1 Headband spacer



Helmet bag



HASP™ H-patch to install IRR helmet cover



Chinstrap extender

