

Combat Gear

BODY ARMOR

01 Basic Type



SIZE & WEIGHT

Applying the Korea Defense Standards(KDS 8470-4003)

FEATURES

- NU 0101.06 Level IIIA
- NIJ 0101.06 Level IIIA(Soft Armor Basic Mount)
- Lightweight application of highly functional bulletproof materials
- Insert bulletproof plates
- Apply molle system(laser or webbing)
- Supply to ROK Army : 2018, 2020
- * flexibility test : less than 75lbf(US Army FQ PD07-05H)



02 BMI PC Type



WEIGHT 2.9kg (Criteria - Size Large, Including Bulletproof Material)

SIZE XL, L, M

FABRIC - Nylon 100(500D higher, IR application)
- Bulletproof material : PE

FEATURES

- NIJ 0101.06 Level IIIA
- Lightweight application of highly functional bulletproof materials
- Protective of the side
- Can insert bulletproof plates
- Apply molle system(laser or webbing)



BODY ARMOR

03 BMI QR Type 1



WEIGHT 3.15kg
(Criteria - Size Large, Including Bulletproof Material)

SIZE XL, L, M

FEATURES

- NIJ 0101.06 Level IIIA
- Lightweight application of highly functional bulletproof materials
- Quick release Function(Back separation type)
- Buckle applied to harness, easy to separate
- Attach the pouch on the side (protective of the side)
- Can Insert bulletproof plates
- Apply molle system(laser or webbing)



04 BMI QR Type 2



WEIGHT 1.25kg
(Criteria - Size Large, Including Bulletproof Material)

SIZE XL, L, M

FEATURES

- Option : NIJ 0101.06 Level IIIA (with Soft Armor), NIJ 0101.06 Level IV(with Plate)
- Plate carrier type
- Quick Release Function (Separation of shoulders and waist)
- Can Insert bulletproof plates
- Apply molle system(laser or webbing)



BODY ARMOR

05 BMI QR Type 3



WEIGHT 2.2kg

SIZE XL, L, M

FEATURES

- NIJ 0101.06 Level IIIA
- Can Insert bulletproof plates or soft armor
- Quick release Function(Side separation type)
- Attach the pouch on the side (protective of the side)
- Buckle applied to harness, easy to separate
- Removable bag type
- Apply molle system(laser or webbing)



06 Concealment(Bodyguard) Body Armor



WEIGHT

1.1kg (Criteria - Size Large, Including Bulletproof Material)

SIZE XL, L, M

FEATURES

- NIJ 0101.06 Level IIIA
- Lightweight application of highly functional bulletproof materials
- Use for police, security guards, bodyguards, VIPs
- CAN Insert 6mm bulletproof plate(Sword defense Level1 E2)
- Underwear Type



BULLET PROOF HELMET

01 E-Series



Performance

Helmet type	E Series	
	E-FUL	E-SEL
Armor type	IIIA	IIIA
Protection bullet	9mm FMJ 44 Magnum	9mm FMJ 44 Magnum
Weight	1.15kg ↓ (L size, H cut)	1.25kg ↓ (L size, H cut)
V50(STANAG 2920)	850m/sec ↑ ※ test result : 900m/sec ↑	670m/sec ↑
BDF	16mm↓(365m/sec) 20.0mm↓(436m/sec)	25.4mm↓(436m/sec)
Blunt impact(AR/PD10-02)	PASS	PASS
Compression Resistance	Top to Bottom(400lb) : PASS Side to Side(300lb) : PASS	
Adhesion test after aging(KDS-8470-4001)	PASS	
Paint peel test(ASTM D 3359-17)	PASS	
Accelerated weathering resistance test(KDS-8471-4001)	PASS	

BULLET PROOF HELMET

02 A-Series

BMI is pursuing the development of a rifle protection helmet with the aim of launching in 2023 through a technology agreement with DSM.



Performance for protecting rifles

Type	Performance
Bulletproof level	NIJ Level III+
Bulletproof possible	7.62mm × 39 AK47 MSC protection
Weight	1.5kg ↓ (based on Full cut large size)
R&D	2022 ~ 2023
Product release	2024

※ DSM Technology Cooperation Development

BULLET PROOF PLATE

Bullet proof Plate



Performance

Type	Type 1	Type 2
Armor type	NIJ Level III+	NIJ Level III++
Protection bullet	5.56mm x 45 NATO (M193) 7.62mm x 51 NATO Ball 7.62mm x 39 AK47 MSC	5.56mm x 45 NATO (M193) 7.62mm x 51 NATO Ball 7.62mm x 39 AK47 MSC 5.56mm x 45 NATO (SS109)
Size	250mm x 300mm	250mm x 300mm
Thickness	12mm	20mm
Weight	1,2kg ↓	1,6kg ↓
Shape	Multi curve (Korean military standards)	

CLOTHES, GHILLIE SUIT

01 Frag protection combat shirts



- USE / WEIGHT Frag Protection / 778g(L)
- FEATURES
- Use Dyneema Frag-knit 1 ~ 2 layers
 - Frag protection hazard area(neck, should, arm, flanks, abdomens) outside the body armor
 - Use quick dryness fabric for body
 - Protection capability(1 layer) : 250m/s, 17grain/FSP(V50),

02 Frag protective shorts POG(Protective over Garment)



- USE / WEIGHT Frag Protection / 914g(L)
- FEATURES
- Use Dyneema Frag-knit 1 ~ 2 layers
 - Frag protection under body hazard area(cystic, thigh artery)
 - Protection capability : 370m/s, 17grain/FSP(V50)



CLOTHES, GHILLIE SUIT

03 Combat shirt and pants



SIZE S, M, L, XL, 2XL

FEATURES

- Apply 3 different designs
- Various digital patterns (IR functions), applicable
- Apply two types of functional materials and enhance common sense of wear
- Excellent sweat absorption and ventilation and anti-bacteria, deodorant function

04 Functional Soft Shell



SIZE S, M, L, XL, 2XL

FEATURES

- Waterproof, windproof and static electricity - Anti-humidification and breathable fabric
- Thermal resistance

05 Ghillie Suit



SIZE Camouflage

SIZE FREE

FEATURES

- Minimizes light reflectivity
- Stays in shape in rain
- Adjustable Size
- Prevention release for camouflage ghillie
- Supplied 3,200set to the ROK military : 2018

GLOVES, POUCHES

01 Gloves

Three kinds of gloves were selected as excellence products by the Ministry of National Defense (2017)



OPS Gloves

SIZE

S, M, L

FEATURES

- Palm anti skid, Smart touch, Comfortable and long-lasting



Combat Gloves

SIZE

S, M, L

FEATURES

- Insulation against friction heat occurring from 15M rappelling and fast-rope



Anti-terror Combat Gloves

SIZE

S, M, L

FEATURES

- Insulation against friction heat occurring from 15M rappelling and fast-rope
- Hand back protection / strike



Hand slash protection gloves

SIZE

S, M, L

FEATURES

- EN388 Certification : Cut resistance level 5(the highest level)
- Friction resistance level 4 (the highest level), tearing strength level 4(the highest level)

02 Polar Gloves



SIZE S, M, L

FEATURES

- Increase the heating effect by applying 3M's shinshate.
- Harmless to human body and has allergy prevention.
- 100% waterproof.
- Slip protection against water and oil.

03 Polar Mittens for Outskirt Patroller



SIZE S, M, L

FEATURES

- Waterproof(Hyphora), Anti-slip
- Fill Fabric : 3M Thinsulate
- Using Digital fabric, anti-allergic

04 Pouches



- Customized production available per use
- Including 5.56mm bulletproof pouch, portable radio pouch, etc(19type)