

HOSDB Body Armor Standards (2007), UK

Class	Test - Bullet	Bullet - Producer	Bullet-Weight [g]	Bullet - Velocity [m/s]	Distance [m]	Max. BFD UPL [mm]	No. of vest panels	No. of shots per panel	Shooting Angle [°Nato]
HG1/A	9mm FMJ	DM 11 A1B2 Dyn. Nobel	8,0	365 ± 10	5	44	2x Size S 3x Size M 1x Size L	3 6 6	45°, 0°, 0° 6x 0° 45°, 3 x 0°, 45°, 0°
	.357 Mag. JSP	R357M3 Remington	10,2	390 ± 10	5	44	2x Size S 3x Size M 1x Size L	3 6 6	45°, 0°, 0° 6x 0° 45°, 3 x 0°, 45°, 0°
HG1	9mm FMJ	DM 11 A1B2 Dyn. Nobel	8,0	365 ± 10	5	25	2x Size S 3x Size M 1x Size L	3 6 6	45°, 0°, 0° 6x 0° 45°, 3 x 0°, 45°, 0°
	.357 Mag. JSP	R357M3 Remington	10,2	390 ± 10	5	25	2x Size S 3x Size M 1x Size L	3 6 6	45°, 0°, 0° 6x 0° 45°, 3 x 0°, 45°, 0°
HG2	9mm FMJ	DM 11 A1B2 Dyn. Nobel	8,0	430 ± 10	5	25	2x Size S 3x Size M 1x Size L	3 6 6	45°, 0°, 0° 6x 0° 45°, 3 x 0°, 45°, 0°
	.357 Mag. JSP	R357M3 Remington	10,2	455 ± 10	5	25	2x Size S 3x Size M 1x Size L	3 6 6	45°, 0°, 0° 6x 0° 45°, 3 x 0°, 45°, 0°
HG3	Carbine 5,56x45 Nato	Federal Tactical Bonded LE223T3	4,01	750 ± 15	10	25	2x Size S 3x Size M 1x Size L	3 6 6	45°, 0°, 0° 6x 0° 45°, 3 x 0°, 45°, 0°
RF1	Rifle 7,62mm Calibre	BAE Systems Nato Ball L2 A2	9,3	830 ± 15	10	25	2	3	0°
RF2	Rifle 7,62mm Calibre	BAE Systems Nato Ball L40A1	9,7	850 ± 15	10	25	2	3	0°
SG1	Shotgun 12 gauge True cylinder	Winchester 1 oz. Rifled Lead Slub 12RS15 or 12RSE	28,4	435 ± 25	10	25	2	1	0°

Particularities:

- Measurement back face deformation:
- UPL:
- Backing material/plasticity:
- Temperature test:
- V50 requirements:
- Min. distance from the edge:
- Min. distance from previous shots:

BFD to be measured after each shot

Upper prediction limit for BFD is calculated based on the 0° BFD values measured medium size test samples

Roma No. 1 15mm ± 1,5mm (1,043kg sphere from 1,5m height)

No

No V50 test required

50mm

50mm