

WAR



war-ballistics.com











Superiority

in ballistic body armor



**worldwide unique
Level III, IV+ and
wolfram-carbid
protection**

Overview Level III / III+ / III++ versus VPAM

USA NIJ 0101.04		USA NIJ 0101.06		Germany VPAM BSW/APR 2006		
III	7.62x51 M80 NATO Ball, 9.6g 838 m/s ±10 m/s		III	7.62x51 M80 NATO Ball, 9.6g 847 m/s ±10 m/s		
III+	7.62x39 MSC, 7.9g 730 m/s ±10 m/s		III+	7.62x39 MSC, 7.9g 730 m/s ±10m		
III++	5.56x45 SS109, 4.0g 930 m/s ±10 m/s		III++	5.56x45 SS109, 4.0g 930 m/s ±10 m/s		
					6 7.62x39 M43 FMJ/PB/Fe-Core, 8.0g; PS 720 m/s ±10 m/s	
					7 .223 Rem. FMJ/PB/SCP; 4.0g MEN, SS109 950 m/s ±10 m/s	
					7 .308 Win. FMJ/PB/SC, 9.55g MEN, DM111 830 m/s ±10 m/s	
					8 7.62x39 FMJ/PB/HCI 7.7g; Core 4.1g 65HRC; BZ 740 m/s ±10 m/s	

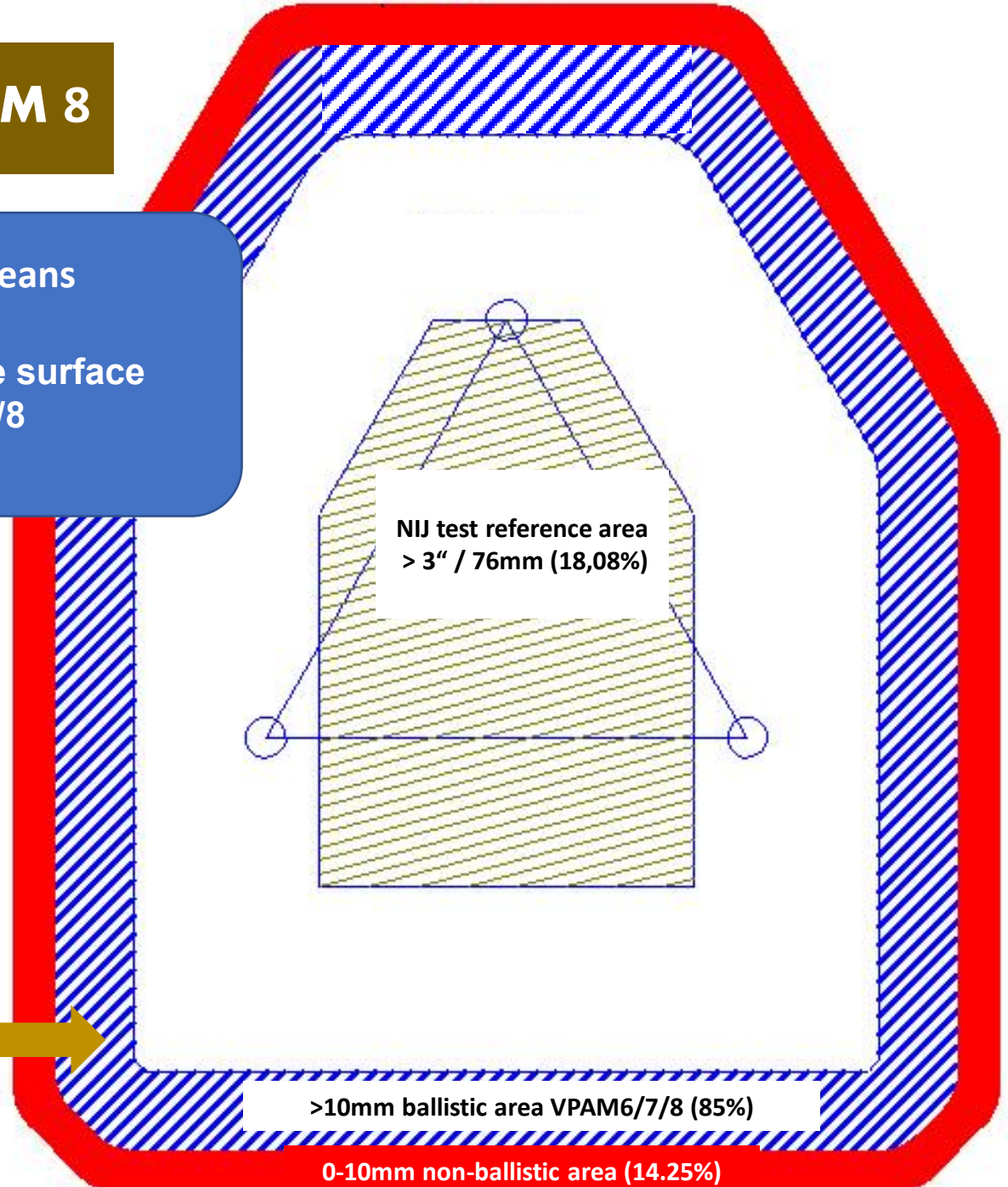
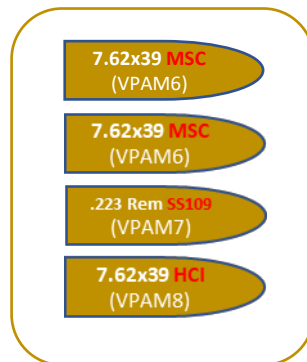


For typical Level III to III++ demands, W.A.R. always includes 7.62x39HCI (=VPAM8) protection to ensure a more realistic and optimized protection and offers certified increased ballistic surface at 10mm behind the rim.







Level III₊₊ & VPAM 8

W.A.R. Level III₊₊ incl. VPAM 8 means

- NIJ protects only 18% of the plate surface
- 85% protection against VPAM 6/7/8



Overview Level IV versus IV+ and VPAM10

USA NIJ 0101.04		USA NIJ 0101.06		Germany VPAM BSW/APR 2006	
IV	7.62x63 M2AP 10.8g 869 m/s ±10 m/s	IV	7.62x63 M2AP 10.8g 878 m/s ±10 m/s	10	7.62x54R FMJ/PB/HCI 10.4g; Core 5.3 63HRC; B32 860 m/s ±10 m/s
					
					

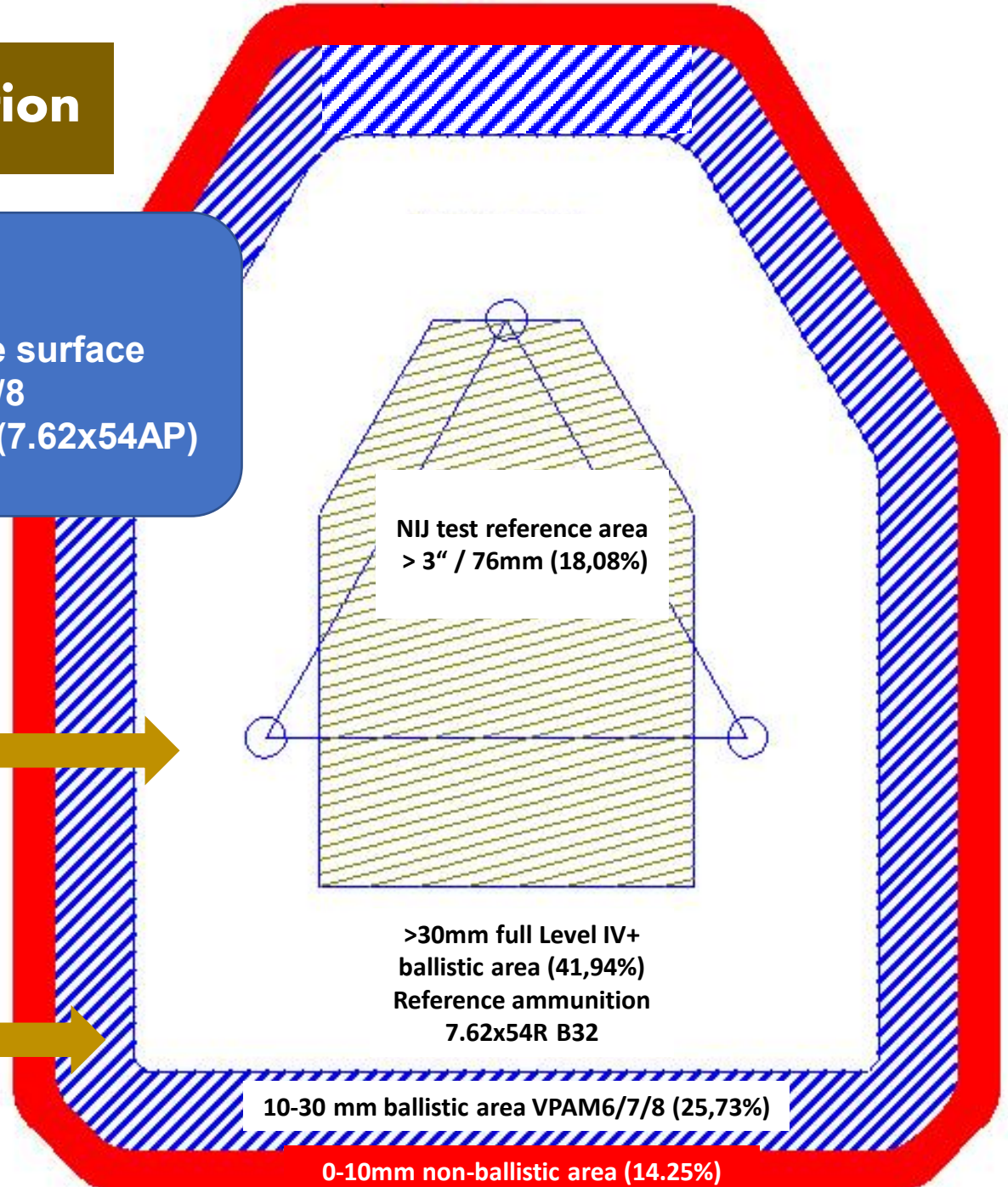
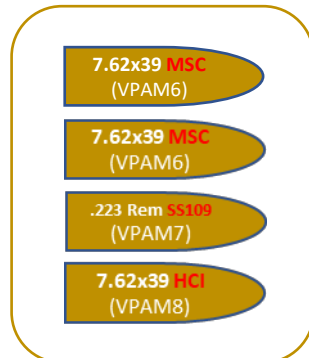
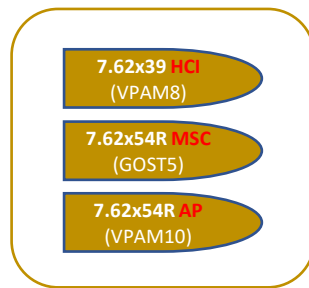


For typical Level IV demands, W.A.R. always includes 7.62x54R B32 (=VPAM10) protection to ensure a more realistic and optimized protection and offers certified increased ballistic surface at 30mm behind the rim.

Level IV+ protection

W.A.R. Level IV+ means...

- NIJ protects only 18% of the plate surface
- 85% protection against VPAM 6/7/8
- 56% protection against VPAM 10 (7.62x54AP)



Unique ballistic protection surface BEYOND NIJ

Reference WAR Plate Type Level IV+



>30mm Level IV+
reference ammunition 7.62x54R B32
860m/s, Trauma < 40mm

Plate M Level IV+ VPAM8 & 10 SA

Special Composite Ballistic Panels Certified for Stand Alone Solution

- LEVEL IV according NIJ 0101.04 30-06 Springfield, bullet type FMJ/FeC, M2 AP NATO, weight 10.8g, velocity 878 ± 9.1 m/s
- VPAM 8 according Standard Prüfrichtlinie APR 2006 7.62x39, FMJ/PB/HCI, BZ bullet type, weight 7.7 g, velocity 740 m/s - +10 m/s
- VPAM 10 according Standard Prüfrichtlinie APR 2006 7.62x54 R, FMJ/PB/HCI, B32 bullet type, weight 10.4 g, vel. 860 m/s -+10 m/s



Standard Dimension and Weight

- Side plate, single curved, 145-150x195-200 mm, 1.020g
- Front/Rear plate late, single curved, 245-250x290-295 mm, 2.420 g
- Front/Rear plate, multi curved 250-255x295-300 mm, 2.460 g
- Non standard dimensions are manufactured at the customer's request

wolfram-carbid protection

- **Wolfram-Carbid** ammunition protection!!!
(.308 AP492 WC, .223Rem WC) *
- available in single and multi-shot
- plate weight from 3.1 – 3.3 kgs as per customer request and specification

