BULLET-PROOF VESTS

BALLISTIC RATINGS AND COMPARISON OF DIFFERENT STANDARDS

NIJ 0101.04 Revision A **USA** **2001** **δ = 44 mm**	**I** .22 cal. LR LRN m=2,6 V=339 .380 ACP FMJ RN m=6,2 V=332	**II-A** 9 mm FMJ RN M=8,0 V=351 .40 S&W FMJ M=11,7 V=332	**II** 9 mm FMJ RN m=8,0 V=377 .357 Mag. JSP m=10,2 V=446	**III-A** 9 mm FMJ RN m=8,0 V=446 .44 Mag. JHP m=15,6 V=446		**III** 7,62x51 FMJ NB m=9,6 V=857					**IV** .30-06 cal. M2 AP m=10,8 V=888	
Technische Richtlinie **Germany** **2000** **δ = 44 mm (Covert)** **δ = 22 mm**			**L** 9 mm FMJ RN m=8,0 V=370	**I** 9 mm FMJ RN m=8,0 V=420	**II** .357 Mag. SP FN m=7,1 V=590			**III** .223 Rem FJ (SS109) m=4,0 V=930 .308 Win FMJ NB m=9,45 V=840		**IV** .308 Win AP m=9,75 V=830		
PSDB **United Kingdom** **2003** **δ = 44 mm (only HG1/A)** **δ = 25 mm**		**HG1/A** 9 mm FMJ m=8 V=370 .357 Mag. SP FN m=10,8 V=395	**HG1** 9 mm FMJ m=8 V=370 .357 Mag. SP FN m=10,8 V=395	**HG2** 9 mm FMJ m=8 V=425 .357 Mag. SP FN m=10,8 V=460	**SG1** 12 gauge m=24 V=460	**RF 1** 7,62x51 FMJ NB m=9,3 V=845						
GOST R 50774-95 **Russia** **1995**	**1** 9x18 PM m=5,9 V=325 7,62 mm Nagan m=6,8 V=295			**2** 5,45 mm PCM FMJ MSC m=2,5 V=335 7,62x25 TT FMJ MSC m=5,5 V=440	**2a** 12 gauge m=35 V=910	**3** 5,45x39 FMJ MSC m=3,5 V=910 7,62x39 FMJ MSC m=7,9 V=740	**4** 5,45x39 FMJ HSC m=3,5 V=910	**5** 7,62x54 FMJ MSC m=9,6 V=840 7,62x39 FMJ HSC m=7,9 V=740	**5a** 7,62x39 API m=7,4 V=740	**6** 7,62x54 FMJ HSC m=9,6 V=840	**6a** 7,62x54 API B-32 m=10,4 V=835	

MARS Armor Ratings

LEGEND

m – mass of bullet in grams
V – maximum velocity of bullet in meters per second
δ – back face signature [mm]

LR – long rifle
RN – round nose
SP – soft point
FN – flat nose

FMJ – full metal jacketed
JSP - jacketed soft point
JHP – jacketed hollow point
PCM – pistol PCM

AP – armor piercing
API – armor piercing incendiary
MSC – mild steel core
TT – pistol Tulski Tokarev

FJ – full jacketed
NB – NATO ball
HSC – hard steel core