

BISALLOY® ARMOUR PERFORMANCE GUIDE

STANAG 4569				Recommended BISALLOY® Armour Thickness		
Protection Level	Threat	Velocity (m/s)	Range (m)	Armour HHA500 (mm)	Armour VHH550 (mm)	Armour UHH600 (mm)
LEVEL 1	5.56x45 NATO SS109	900±20	30	6.0	5.7	5.0
	5.56x45 NATO M193	937±20	30	8.5	-	5.9
	7.62x51 NATO Ball M80	833±20	30	6.0	-	-
LEVEL 2	7.62x39 API BZ	695±20	30	12.0	9.6	7.0
LEVEL 3	7.62x54R B32 API	854±20	30	16.0	-	12.2

EN 1522				Recommended BISALLOY® Armour Thickness		
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FB4	.357 Mag FJ/CB/SC	430±10	5	3.0	-	-
	.44 Mag FJ/FN/SC	440±10	5	3.0	-	-
FB4+	7.62x39 M43	720±10	10	4.0	3.7	-
FB5	5.56x45 SS109	950±10	10	6.5	5.7	-
FB6	5.56x45 SS109	950±10	10	6.5	-	-
	7.62x51 NATO Ball	830±10	10	6.0	-	-
FB7	7.62x51 NATO AP	820±10	10	12.5	12.0	9.0

NIJ				Recommended BISALLOY® Armour Thickness		
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II	9mm FMJ	385±12	5	3.0	-	-
	.357 Mag JSP	425±15	5	3.0	-	-
IIA	9mm FMJ	426±15	5	3.0	-	-
	.44 Mag JHP	426±15	5	3.0	-	-
III	7.62x51 NATO Ball	838±15	15	6.0	5.7	5.0
IV	.30 M2AP	868±15	15	13.1	12.0	9.6