

NIJ Standard - 0115.00
Stab resistance for personal body armor

Table 1. Stab resistant protection level strike energies

Protection Level	“E1” Strike Energy		“E2” Overtest Strike Energy	
	J	ft· lbf	J	ft· lbf
1	24 ± 0.50	17.7 ± 0.36	36 ± 0.60	26.6 ± 0.44
2	33 ± 0.60	24.3 ± 0.44	50 ± 0.70	36.9 ± 0.51
3	43 ± 0.60	31.7 ± 0.44	65 ± 0.80	47.9 ± 0.59

1. Level 1

This armor protects against low energy threats with a strike energy of 24 J (17.7 ft· lbf). The overttest condition for this level is 36 J (26.6 ft· lbf).

2. Level 2

This armor protects against medium energy threats with a strike energy of 33 J (24.3 ft· lbf). The overttest condition for this level is 50 J (36.9 ft· lbf).

3. Level 3

This armor protects against high energy threats with a strike energy of 43 J (31.7 ft· lbf). The overttest condition for this level is 65 J (47.9 ft· lbf).