

Table 1: Security Grades and Test Load Requirements

Grade No.	Recommended Door Face Sheet and Frame Thickness in. (mm) gage, minimum	Static Load Test B lbf. (N)	Rack Load Test C Lbf. (N)	Impact Test A Impact Energy - 200 ft. Lbf (271.2 J)			ASTM Reference Standards
				Lock Impacts	Hinge Impacts	Glazing Impacts	
1	0.093 (2.3) 12	14000 (62 272)	7500 (33 360)	600	200	100	F1450, F1577, F1643
2	0.093 (2.3) 12	14000 (62 272)	7500 (33 360)	400	150	100	F1450, F1577, F1643
3	0.067 (1.7) 14	11000 (48 939)	5500 (24 470)	200	75	100	F1450, F1577
4	0.067 (1.7) 14	11000 (48 939)	5500 (24 470)	100	35	100	F1450, F1577