

Underwriters Laboratory UL 752 Ballistic Standards

Standard - Rating:	UL - Level 3 .44 Magnum (Part 1)
Projectile Caliber :	.44 Magnum
Cartridge Type:	240 grain SWC
Velocity Range:	1350 to 1485 ft/sec.
Number of Shots:	3 shot(s)
Shot Spacing:	4.5 inch triangle
Velocity Measurement Distance:	-
Target Range:	15 ft.
Sample Size:	12 x 12 in.
Witness Plate:	0.125 in. thick corrugated cardboard
Witness Plate Distance:	18 in.
Test Temperature:	(-26/72), 55, 72, 95, 120 F
Standard Document:	United States: 752 -Rev. April 29, 1994
Source:	752 -Rev. April 29, 1994
Comments:	Indoor rating test: #1 at 55 F, #2 at 72 F, and #3 at 95 F; Out door rating test: #1 (one side at -26 F other side at 72 F), #2 at 72 F, #3 at 120 F

Standard - Rating:	UL - Level 3 .44 Magnum (Part 2)
Projectile Caliber :	.44 Magnum
Cartridge Type:	240 grain SWC
Velocity Range:	1350 to 1485 ft/sec.
Number of Shots:	2 shot(s)
Shot Spacing:	1.25 to 1.75 in.
Velocity Measurement Distance:	-
Target Range:	15 ft.
Sample Size:	12 x 12 in.
Witness Plate:	None
Witness Plate Distance:	-
Test Temperature:	72 F
Standard Document:	United States: 752 -Rev. April 29, 1994
Source:	752 -Rev. April 29, 1994
Comments:	

Standard - Rating:	UL - Level 3 .44 Magnum (Part 3)
Projectile Caliber :	.44 Magnum
Cartridge Type:	240 grain SWC
Velocity Range:	1350 to 1485 ft/sec.
Number of Shots:	1 shot(s)
Shot Spacing:	-
Velocity Measurement Distance:	-
Target Range:	15 ft.
Sample Size:	12 x 12 in.
Witness Plate:	None
Witness Plate Distance:	-
Test Temperature:	72 F
Standard Document:	United States: 752 -Rev. April 29, 1994
Source:	752 -Rev. April 29, 1994
Comments:	1 to 1.50 in. unsupported edge shot

Standard - Rating:	UL - Level 4 .30 30-06 (Part 1)
Projectile Caliber :	.30 30-06
Cartridge Type:	180 grain JSP
Velocity Range:	2540 to 2794 ft/sec.
Number of Shots:	1 shot(s)
Shot Spacing:	-
Velocity Measurement Distance:	-
Target Range:	15 ft.
Sample Size:	12 x 12 in.
Witness Plate:	0.125 in. thick corrugated cardboard
Witness Plate Distance:	18 in.
Test Temperature:	(-26/72), 55, 72, 95, 120 F
Standard Document:	United States: 752 -Rev. April 29, 1994
Source:	752 -Rev. April 29, 1994
Comments:	Indoor rating test: #1 at 55 F, #2 at 72 F, and #3 at 95 F; Out door rating test: #1 (one side at -26 F other side at 72 F), #2 at 72 F, #3 at 120 F

Standard - Rating:	UL - Level 4 .30 30-06 (Part 2)
Projectile Caliber :	.30 30-06
Cartridge Type:	180 grain JSP
Velocity Range:	2540 to 2794 ft/sec.
Number of Shots:	1 shot(s)
Shot Spacing:	-
Velocity Measurement Distance:	-
Target Range:	15 ft.
Sample Size:	12 x 12 in.
Witness Plate:	None
Witness Plate Distance:	-
Test Temperature:	72 F
Standard Document:	United States: 752 -Rev. April 29, 1994
Source:	752 -Rev. April 29, 1994
Comments:	1 to 1.50 in. unsupported edge shot

Standard - Rating:	UL - Level 5 .30 7.62 NATO (Part 1)
Projectile Caliber :	.30 7.62 NATO
Cartridge Type:	150 grain FMJ
Velocity Range:	2750 to 3025 ft/sec.
Number of Shots:	1 shot(s)
Shot Spacing:	-
Velocity Measurement Distance:	-
Target Range:	15 ft.
Sample Size:	12 x 12 in.
Witness Plate:	0.125 in. thick corrugated cardboard
Witness Plate Distance:	18 in.
Test Temperature:	(-26/72), 55, ,72, 95, 120 F
Standard Document:	United States: 752 -Rev. April 29, 1994
Source:	752 -Rev. April 29, 1994
Comments:	Indoor rating test: #1 at 55 F, #2 at 72 F, and #3 at 95 F; Out door rating test: #1 (one side at -26 F other side at 72 F), #2 at 72 F, #3 at 120 F

Standard - Rating:	UL - Level 5 .30 7.62 NATO (Part 2)
Projectile Caliber :	.30 7.62 NATO
Cartridge Type:	150 grain FMJ
Velocity Range:	2750 to 3025 ft/sec.
Number of Shots:	1 shot(s)
Shot Spacing:	-
Velocity Measurement Distance:	-
Target Range:	15 ft.
Sample Size:	12 x 12 in.
Witness Plate:	None
Witness Plate Distance:	-
Test Temperature:	(-26/72), 55, 72, 95, 120 F
Standard Document:	United States: 752 -Rev. April 29, 1994
Source:	752 -Rev. April 29, 1994
Comments:	1 to 1.50 in. unsupported edge shot

Standard - Rating:	UL - Level 7 .223 5.56 NATO
Projectile Caliber :	.223 5.56 NATO
Cartridge Type:	55 grain FMJ
Velocity Range:	3080 to 3388 ft/sec.
Number of Shots:	5 shot(s)
Shot Spacing:	4.5 inch square
Velocity Measurement Distance:	-
Target Range:	15 ft.
Sample Size:	12 x 12 in.
Witness Plate:	0.125 in. thick corrugated cardboard
Witness Plate Distance:	18 in.
Test Temperature:	72 F
Standard Document:	United States: 752 -Rev. April 29, 1994
Source:	752 -Rev. April 29, 1994
Comments:	

Standard - Rating:	UL - Level 4 and 5 SG 12 Gauge 2 3/4" (Part 1A)
Projectile Caliber :	12 Gauge 2 3/4"
Cartridge Type:	437 grain Slug
Velocity Range:	1585 to 1743.5 ft/sec.
Number of Shots:	1 shot(s)
Shot Spacing:	-
Velocity Measurement Distance:	-
Target Range:	15 ft.
Sample Size:	12 x 12 in.
Witness Plate:	0.125 in. thick corrugated cardboard
Witness Plate Distance:	18 in.
Test Temperature:	(-26/72), 55, 72, 95, 120 F
Standard Document:	United States: 752 -Rev. April 29, 1994
Source:	752 -Rev. April 29, 1994
Comments:	Supplemental rating for levels 4 and 5; Indoor / Outdoor rating testing also applies

Standard - Rating:	UL - Level 4 and 5 SG 12 Gauge 2 3/4" (Part 1B)
Projectile Caliber :	12 Gauge 2 3/4"
Cartridge Type:	437 grain Slug
Velocity Range:	1585 to 1743.5 ft/sec.
Number of Shots:	1 shot(s)
Shot Spacing:	-
Velocity Measurement Distance:	-
Target Range:	15 ft.
Sample Size:	12 x 12 in.
Witness Plate:	None
Witness Plate Distance:	-
Test Temperature:	72 F
Standard Document:	United States: 752 -Rev. April 29, 1994
Source:	752 -Rev. April 29, 1994
Comments:	Supplemental rating for levels 4 and 5; 1 to 1.50 in. unsupported edge shot

Standard - Rating:	UL - Level 4 and 5 SG 12 Gauge 2 3/4" Mag. (Part 2A)
Projectile Caliber :	12 Gauge 2 3/4" Mag.
Cartridge Type:	650 grain # 00 Buck
Velocity Range:	1200 to 1320 ft/sec.
Number of Shots:	1 shot(s)
Shot Spacing:	-
Velocity Measurement Distance:	-
Target Range:	15 ft.
Sample Size:	12 x 12 in.
Witness Plate:	0.125 in. thick corrugated cardboard
Witness Plate Distance:	18 in.
Test Temperature:	(-26/72), 55, 72, 95, 120 F
Standard Document:	United States: 752 -Rev. April 29, 1994
Source:	752 -Rev. April 29, 1994
Comments:	Supplemental rating for levels 4 and 5; Indoor / Outdoor rating testing also applies