



Niles Building Products Co. Expanded Metal Security Panels

Standard or flattened expanded metal panels attach to wall studs with security clips and create a steel barrier inside the finished drywall. Use security panels to protect valuable areas and materials from theft.

Security Panel Features:

- Can be formed to accommodate all wall heights and configurations
- Easily attaches to wall studs or ceiling joists
- Use for banks, panic rooms, government buildings and retail stores
- Stock sizes available for immediate shipment

Suggested Panel Options include:

- 1/2" - #13 F, 3/4" - #9 F, 3/4" - #13 F, 3/4" - #16 F, 1" - #16 F, 1-1/2" - #9 F

Carbon Steel Security Panels meets or exceeds:

ASTM 569/569M; ASTM F1267, Type II, Class 1

Physical Properties

Carbon Steel – Flattened										
Style	Lbs. Per 100 Sq. Ft.		Design Size (Inches)		Opening Size (Inches)		Size of Strands in Inches		Overall Thickness Inches	Percent Open Area
	Plain	Galv. Wt.	SWD	LWD	SWO	LWO	Width	Thickness		
1/4" #20	71	-	0.31	1.70	0.15	0.765	0.080	0.030	0.030	47
1/4" #18	91	-	0.32	1.70	0.15	0.765	0.084	0.040	0.040	47
1/2" #20	40	51	0.500	1.25	0.375	1.000	0.079	0.029	0.029	65
1/2" #18	66	83	0.500	1.25	0.312	1.000	0.097	0.039	0.039	60
1/2" #16	82	98	0.500	1.25	0.312	1.000	0.096	0.050	0.050	63
1/2" #13	140	161	0.500	1.25	0.265	1.000	0.107	0.070	0.070	52
3/4" #16	51	57	0.923	2.10	0.750	1.750	0.111	0.048	0.048	74
3/4" #14	63	74	0.923	2.10	0.688	1.813	0.105	0.061	0.061	74
3/4" #13	75	88	0.923	2.10	0.688	1.782	0.106	0.070	0.070	74
3/4" #10 (13ga)	114	128	0.923	2.10	0.637	1.755	0.160	0.070	0.070	68
3/4" #9 (10ga)	171	188	0.923	2.10	0.563	1.688	0.165	0.120	0.120	63
1" #16	41	50	1.000	2.50	0.813	2.250	0.098	0.050	0.050	78
1-1/2" #16	38	46	1.330	3.20	1.062	2.750	0.119	0.048	0.048	83
1-1/2" #14	46	54	1.330	3.20	1.062	2.750	0.134	0.060	0.060	80
1-1/2" #13	57	66	1.330	3.20	1.062	2.750	0.116	0.070	0.070	80
1-1/2" #9	114	125	1.330	3.20	1.000	2.563	0.158	0.110	0.110	75