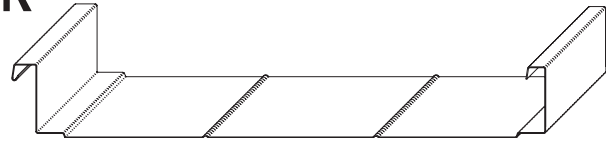


LOAD TABLES
 ALUMINUM
 3003-H14
 18" Coverage

2 3/8" FIELD-LOK PANEL FLS180



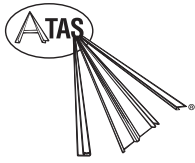
0.030" Thick

Span (FT)	Ultimate Test Load (PSF)	Design Load (PSF)
2.0	88.98	44.49
2.5		41.43
3.0		38.38
3.5		35.32
4.0	64.54	32.27

0.038" Thick

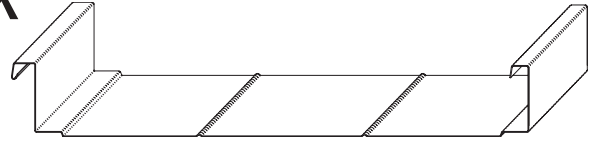
Span (FT)	Ultimate Test Load (PSF)	Design Load (PSF)
2.5	130.7	65.35
3.0		58.95
3.5		52.56
4.0		46.16
4.5		39.77
5.0	66.77	33.38

- Notes:
1. The above loads were derived from uplift tests performed in accordance with ASTM E 1592.
 2. Design values were interpolated from tests at maximum and minimum spans only, as indicated.
 3. Design Load was obtained by dividing Ultimate Load by a factor of 2.0.
 4. This information is subject to change without notice. Please contact ATAS International, Inc. for most current data.
 5. Since allowable loads and spans can be affected by actual conditions of use, information in these tables is intended for use only by those qualified to assess these effects.
 6. Load tables are based upon section property analysis. Other factors such as fastener adequacy may apply to allowable span conditions per project.



LOAD TABLES
STEEL
ASTM A653
SS 50

2 3/8" FIELD-LOK PANEL FLS180



18" Coverage

22 GAUGE

Span (ft)	Ultimate Load (PSF)	Design Load Based on CEGS 07416 (PSF)	Design Load Based on 1986 AISI (PSF)
2.5	156.00	94.55	124.20
3.0	144.28	87.44	114.87
3.5	133.22	80.74	106.07
4.0	122.82	74.44	97.79
4.5	113.08	68.54	90.03
5.0	104.00	63.03	82.80
5.5	95.58	57.92	76.10
6.0	87.81	53.22	69.91
6.5	80.70	48.91	64.25
7.0	74.25	45.00	59.12
7.5	68.47	41.49	54.51

18" Coverage

24 GAUGE

Span (ft)	Ultimate Load (PSF)	Design Load Based on CEGS 07416 (PSF)	Design Load Based on 1986 AISI (PSF)
2.5	136.52	82.74	108.69
3.0	120.81	73.22	96.19
3.5	106.73	64.48	84.97
4.0	94.25	57.12	75.04
4.5	83.38	50.54	66.39
5.0	74.13	44.93	59.02
5.5	66.49	40.30	52.94
6.0	60.46	36.64	48.14
6.5	56.04	33.96	44.62
7.0	53.24	32.26	42.39
7.5	52.04	31.54	41.43

- Notes:
1. The above load values were derived from a scientific reduction analysis based upon the Field-Lok testing information.
 2. Design load values based on CEGS 07416 are calculated using a Factor of Safety of 1.65.
 3. Design load values based on 1986 AISI are calculated using a Factor of Safety of 1.25. The normal safety factor for live load design in the 1986 AISI specifications is 1.67. In addition, the 1986 AISI Specifications state that when wind load controls, "a twenty-five percent reduction of the nominal safety factor is permissible provided that the section thus designed is not less than that required for the combination of dead and live load." (refer to AISI Commentary on the Cold-Formed Specification Table A5.1)
 4. Since allowable loads and spans can be affected by actual conditions of use, information in these tables is intended for use only by those qualified to assess these effects.
 5. Load tables are based upon section property analysis. Other factors such as fastener adequacy may apply to allowable span conditions per project.