

PRODUCT APPLICATION

StiffClip® FS series connects wall studs for a vertical uplift load transfer through the floor system. StiffClip FS resists tension forces only. The allowable design load table shown below is based on the use of StiffClip FS only. Number of fasteners used is based on fastener manufacturer's allowable load data.

MATERIAL COMPOSITION

Steel: ASTM A653/A653M, Grade 50 (340), 50ksi (340MPa) minimum yield strength, 65ksi (450MPa) minimum tensile strength, G-90 (Z275) hot-dipped galvanized coating.

AVAILABLE THICKNESSES

Mils	Gauge	Decimal (in)
33	20	0.0346
43	18	0.0451
54	16	0.0566
68	14	0.0713
97	12	0.1017

STIFFCLIP FS INSTALLATION



Place StiffClip FS flat against aligned wall studs.



Attach StiffClip FS to wall studs with approved screws through guide holes.

STIFFCLIP® FS



STIFFCLIP FS NOMENCLATURE

StiffClip FS is designated by the width of the strap in inches followed by strap thickness in mils. Available widths are 1½" and 2¾", available lengths are 24" and 36". Guide holes located 1/2" from each end, with 3/8" edge distance at 2" o.c. staggered for FS125 and .75" edge distance at 2" o.c. staggered for FS275.

Example: 16ga, 2¾" strap, 24" long

Designate: StiffClip FS275-54mil-24.

Additional guide holes for fasteners available upon request.



STIFFCLIP FS VALUE

- ◆ Mill certified 50ksi steel
- ◆ Guide holes for attachment to wall studs (.172" dia.)
- ◆ Structurally load tested

QUANTITY / ORDER INFORMATION

Contact TSN for pricing, quantity, and order information.

ALLOWABLE LOADS

FS125

StiffClip	F3 Allowable (kips)*
FS125-33mil	1.163
FS125-43mil	1.516
FS125-54mil	1.902
FS125-68mil	2.396
FS125-97mil	3.418

FS275

StiffClip	F3 Allowable (kips)*
FS275-33mil	2.849
FS275-43mil	3.713
FS275-54mil	4.660
FS275-68mil	5.871
FS275-97mil	8.374

- ◆ Design loads based on strap capacity only. Allowable loads have not been increased for wind, seismic, or other factors.

LOAD DIRECTION

