

DIAPHRAGM SHEAR STRENGTH (PLF)

9/16" X 2-1/2" TYPE (SF)
 SUPPORT FASTENINGS:
 STITCH FASTENING:
 SAFETY FACTOR:

BARE DECK
 3/8" PUDDLE WELDS THRU WELD WASHERS
 #10 TEK SCREWS
 2.75

| FASTENER LAYOUT | SIDE LAP FASTENING PER SPAN | SPAN (FT. - IN.) | | | | | | | | |
|-----------------|-----------------------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| | | 1-6 | 2-0 | 2-6 | 3-0 | 3-6 | 4-0 | 4-6 | 5-0 | 5-6 |
| SF 28 30/4 | 0 | 405 | 335 | 275 | 230 | 200 | 175 | 140 | | |
| | 1 | 430 | 365 | 310 | 265 | 230 | 180 | 140 | | |
| | 2 | 450 | 390 | 335 | 290 | 250 | 180 | 140 | | |
| | 3 | 465 | 410 | 360 | 315 | 250 | 180 | 140 | | |
| | 4 | 475 | 425 | 380 | 340 | 250 | 180 | 140 | | |
| SF 26 30/4 | 0 | | 430 | 355 | 300 | 260 | 225 | 180 | 145 | |
| | 1 | | 470 | 395 | 340 | 295 | 235 | 180 | 145 | |
| | 2 | | 500 | 430 | 375 | 325 | 235 | 180 | 145 | |
| | 3 | | 525 | 460 | 405 | 325 | 235 | 180 | 145 | |
| | 4 | | 550 | 485 | 430 | 325 | 235 | 180 | 145 | |
| SF 24 30/4 | 0 | | | 545 | 460 | 395 | 345 | 275 | 220 | 175 |
| | 1 | | | 595 | 510 | 440 | 360 | 275 | 220 | 175 |
| | 2 | | | 645 | 555 | 485 | 360 | 275 | 220 | 175 |
| | 3 | | | 685 | 600 | 490 | 360 | 275 | 220 | 175 |
| | 4 | | | 725 | 635 | 490 | 360 | 275 | 220 | 175 |
| SF 22 30/4 | 0 | | | 463 | 398 | 348 | 308 | 277 | 250 | 212 |
| | 1 | | | 526 | 456 | 401 | 357 | 317 | 256 | 212 |
| | 2 | | | 582 | 510 | 452 | 401 | 317 | 256 | 212 |
| | 3 | | | 632 | 559 | 498 | 401 | 317 | 256 | 212 |
| | 4 | | | 676 | 603 | 523 | 401 | 317 | 256 | 212 |