



The nominal stress (F/A) is 1 psi. At a distance of about 1 plate width, the stress becomes uniform to within about 5% (all colors are with the 0.95psi to 1.05psi stress range). Note, this model uses PLANE182 (2D) elements. The plate is 1" wide (by 1" thick) and 5 inches long – the right side is constrained in the y-direction to create symmetry.