Compression Deflection
General Principal

1. This test was designed to assess and compare performance characteristics of a variety of industrial anti-fatigue mats submitted for testing. Two specific load levels were applied to the test samples and the results show the deflection measured. The 2 specific load levels performed were 20psi, equal to a 150 pound human and 40psi, equal to a 600 pound human.

2. Readings suggest that less than 20% deflection could be perceived as too hard and readings above 60% deflection could be perceived as too soft. It appears that between 20% and 60% deflection anti-fatigue properties can be felt.

Durometer/Hardness
General Principal

The hardness of a test sample is measured by means of a Type A Shore Durometer. The Durometer measures the penetration of its specified indenter forced into the test material under specified conditions. The lower readings indicate softer materials.