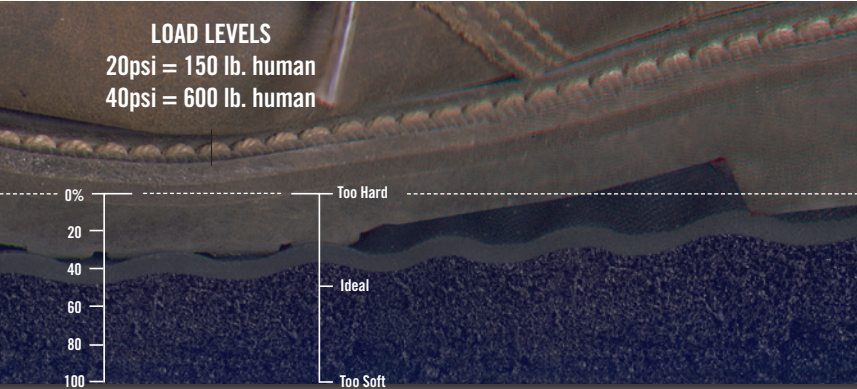


Compression Deflection & Durometer/Hardness Comparison



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.

TEST RESULTS

M+A MATTING	COMPETITOR'S
Comfort Flow Modular Tile 23% deflection @20psi 34% deflection @40psi Durometer/Hardness: 45	PVC Tile Standard: 4% deflection @20psi 2% deflection @40psi Soft: 10% deflection @20psi 16% deflection @40psi Durometer/ Standard@80 Hardness: Soft@80
Comfort Flow & Cushion Station Comfort Flow: 28% deflection @20psi 46% deflection @40psi Cushion Station: 36% deflection @20psi 49% deflection @40psi Durometer/Hardness: 45	Traditional Industrial Red Mat 11% deflection @20psi 22% deflection @40psi Durometer/Hardness: 70
Cushion Max 49% deflection @20psi 65% deflection @40psi	PVC Foam 38% deflection @20psi 59% deflection @40psi
Hog Heaven 5/8" 40% deflection @20psi 55% deflection @40psi Durometer/Hardness: 56	Diamond Plate 5/8" 48% deflection @20psi 65% deflection @40psi Durometer/Hardness: 85

