

Rx Collection

Product Testing for Healthcare

SAFETY, ERGONOMICS, ACOUSTICS

Rx is a premium collection of flooring products developed and manufactured to meet the extreme challenges experienced in commercial environments — including healthcare, senior living, hospitality, and education facilities.

Rx surfaces are unique, because they offer a prescription for more. With any Rx product, you will experience a floor that is more quiet, more ergonomic, and more safe. Leveraging the patented itsTRU™ technology, Rx surfaces provide force reduction and energy restitution in every step.

The Rx Collection of resilient flooring products utilize a patented fusion bonding process and composition rubber to:

- Reduce the risk of injury from a fall
- Quiet the healing environment
- Enhance staff well-being



The Rx Facts

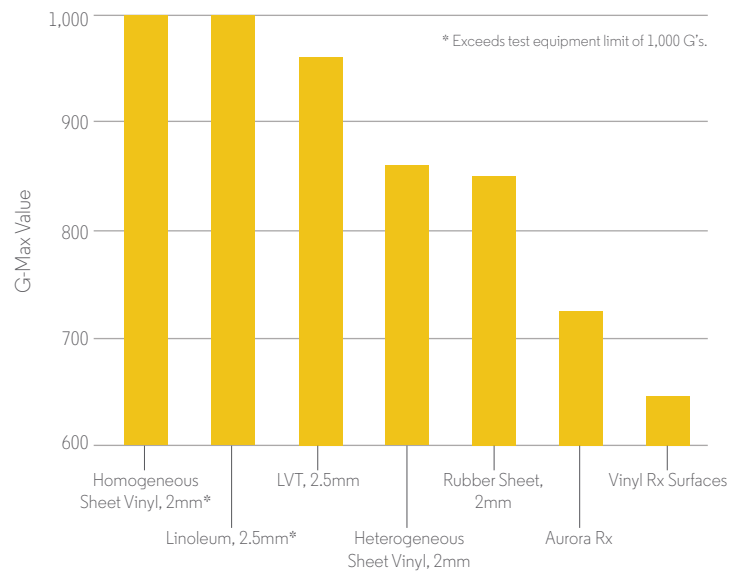
Patient Safety

Patient falls and injuries from falls continue to challenge providers and directly impact the patient's experience, outcome and quality of life. How can a floor help prevent serious injuries when falls occur?

- Rx products have been tested for G-Max using the Clegg Machine protocol. A conventional mathematical formula is often used to convert Clegg test results to ASTM F355 result for comparison purposes.
- Using this protocol to compare traditional healthcare flooring products, the Rx surfacing technology demonstrates up to a 35.5% reduction in impact acceleration.
- Reducing injury from falls may reduce unbudgeted and non-reimbursable treatment charges.

It is generally acknowledged that a standardized test protocol measuring force reduction in a healthcare environment does not exist. This should not deter analysis of products to measure and compare the force of impact but rather motivate the industry to create such testing standards. Until that time the physics involved in force reduction can still be used to determine optimal flooring solutions related to patient falls.

How Supportive is Your Surface?



The Rx Facts (cont.)

Acoustics

A quiet environment is a healing environment, and yet patient satisfaction surveys indicate their number one complaint is noise. How can a floor quiet the healing environment and contribute to the patient experience and outcome?

- ASTM 2179 test results reflect a Delta IIC of 23dB for Rx products, compared to 3dB for LVT and 8dB for heterogeneous sheet products.
- Surface generated noises such as those from footsteps and rolling carts are significantly reduced (University of Hartford Acoustic Study).
- Testing based on the new ASTM E3133 standard for surface-generated noise coming soon.

How Quiet is Your Surface?

Product	IIC per ASTM E492: 52	ΔIIC per ASTM E2179: 24
LVT, 2mm	No Data	3
Homogeneous Sheet Vinyl, 2mm	No Data	8
ECOsurfaces, 3.2mm	50	20
Vinyl Rx Surfaces	52	23
Aurora Rx	54	23

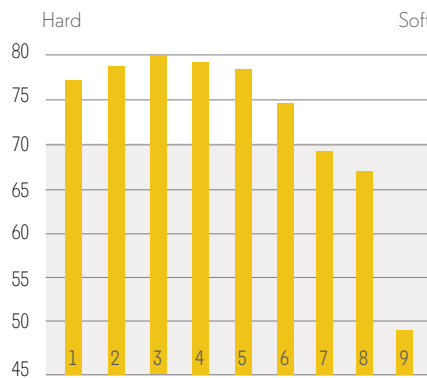
Staff Wellness

The physical and emotional health of the nurse has a direct impact on the quality of care delivered. How can a floor enhance the well-being of a dedicated staff?

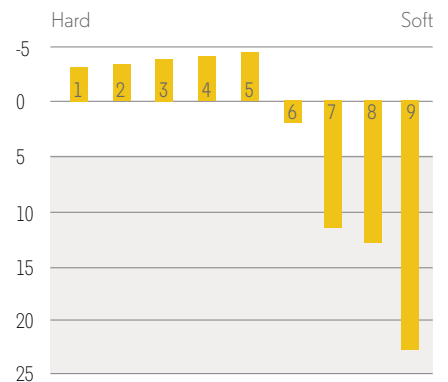
- Enhanced ergonomic properties through a balance of force reduction and energy restitution.
- Reducing impact force (force reduction) by more than 5% and returning energy to the body (energy restitution) at a maximum of 70% is a desirable range of ergonomic performance (Deltec Test).
- Reduction in chronic pain may lead to improved productivity and quality of care, less absenteeism, fewer workman comp claims and an overall improvement in quality of life for dedicated healthcare providers.

How Ergonomic is Your Surface?*

% Energy Restitution



% Force Reduction



1. Concrete 2. Heterogeneous Sheet Vinyl 2mm 3. Rubber Sheet 2mm 4. Homogeneous Sheet Vinyl 2mm 5. VCT 6. Linoleum 7. Forest Rx 8. Aurora Rx 9. Carpet 34oz 1/10 ga loop

*Based on the Deltec Test

Technical

- Resilience and recovery from indentation (Standard ASTM F970 and modified to accommodate higher loads).
- Engineered resiliency to withstand heavy rolling loads common in healthcare environments (ASTM F2753).
- Roller mobility of patient beds and other heavy rolling loads are comparable to 2mm vulcanized rubber sheet.
- Ease of maintenance with no polish required.
- Heat welding available to create a sanitary floor.
- Available in 6' wide rolls.
- Up to 65% post-consumer recycled content.
- Made in the U.S.A.

