



When choosing Injury Prevention Fall Mats



Floor Mat Core Material

Look For

Impact Absorbing Density – An impact mat is not a sleep surface or a cushion, but a buffer between a falling patient and an unforgiving floor. The core material needs to be firm enough to ensure a head, hip, knee or elbow won't bottom out against the floor. A mat that can bounce an egg into the air may fail to prevent a bone fracture. The egg doesn't break because it does not generate the same force as a patient's hip or head.

Comfortex' fall mats utilize an extremely high density, highly compressed 9 lb. composite material. Just 1-inch of this material will decelerate and absorb a sudden strike, yet provide stable support for patients and staff to walk or stand upon.

Look-Out For

EVA foams are used by many other companies. They are much lighter and relatively inexpensive, but EVA foam collapses under pressure and then fails to recover, often leaving permanent impressions. Daily use cause the material to flatten and these mats can even puncture under the heel of a woman's shoe.

ELASTOMERIC Rubberized foams : This material absorbs light impact (an egg) very well. However, a heavier force can pass thru into the floor, resulting in a G-Force spike, a sudden reversal of energy and an injury. These foams can also wick in fluids (water, urine, spills) resulting in a contaminated product.

Cover Construction

Look For

A truly impervious barrier encasement to ensure dirt and fluids are not absorbed and that the product can be effectively cleaned. A cover material should be of medical-grade quality and bonded securely atop the mat to prevent a tripping hazard.

The underside of the mat must be truly non-slip and hold its position on the floor ...where its needed.

Look-Out For

Slippery vinyl bottom fabrics that may be nothing more than a different color than the top and lack the gripping properties to hold the mat in its desired location. Also, look-out for products with a textured Rug Gripper that's simply been glued to its underside. These Rug Grip materials are not waterproof and actually accumulate soils.