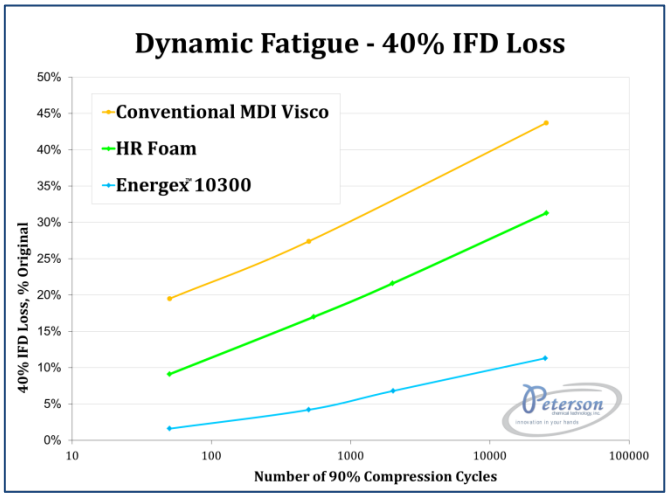
Energex™ is the unique, highly adaptive, temperature-responsive foam, designed to adjust rapidly to individual comfort needs. Energex™ combines the liveliness of latex with the superior pressure relief and partner isolation of viscoelastic foam, directly addressing the main complaints about both foam types. Typically, consumers seeking an alternative to springs who do not want the dead feel of visco have turned to latex. While this meets their desire for a livelier mattress, they are often disappointed by its inferior pressure-mapping characteristics. The open-cell, responsive polymer structure of Energex™ is designed to bridge this gap between lively latex and pressure-relieving visco. Its ultra-fine, open structure makes it breathable, odorless, and cool to maximize sleep comfort. ***Think of Energex™ as comfort with a bounce.***

Energex™ is **formulated using advanced Strut Reinforcing Technology (SRT)**, which transfers polymer from cell membranes to reinforce the cell superstructure, making it **extremely durable**. This unique design produces superior dynamic fatigue properties to conventional or HR foam, and extremely low compression set losses (typically less than 1.5% height loss with the 90% ASTM compression set test).



Temperature Response: Energex™ foam provides uniform comfort over a wide temperature range. Unlike conventional visco, Energex does not stiffen in cool environments because its glass transition temperature (Tg) is tuned to perform over a broad temperature range. Energex™ has been **specifically designed to energize and slightly soften in response to body heat**, which is the key to providing highly adaptive comfort, ease of movement, and excellent pressure-relief.

Energex™ is **available in a wide range of density and hardness grades**, making it suitable for a diverse array of products from soft bedding products to high performance seating and shock absorption foams. It is ideally suited in bedding as a transition layer between the memory foam surface and the base support layers, creating a pressure gradient that provides ideal interface support for unparalleled pressure mapping in sleep systems. Compared to conventional and HR foams, Energex™ foam buns have **very little top to bottom variation** in density and IFD, another key factor in its quality and dependability.