

HIGHLIGHTS

- High Energy Return
- Durable Support
- Lightweight Cushioning
- Consistent Performance
- Easy to Integrate

SPECIFICATIONS



Density
270-370 kg/m²



Resilience
55%



Tensile strength
483 kPa



Deflection
82-124 kPa

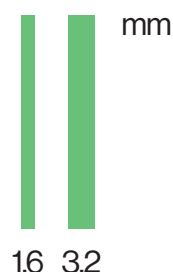


Elongation
130%



Color

AVAILABLE THICKNESSES



A BRAND OF  **FRECOMA**

Frecoma B.V.

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The Netherlands

The information in this datasheet is, to the best of our knowledge, correct on the date of issue. This information is intended solely as a guide for safe handling, use, processing, storage, transport, disposal, and release, and should not be considered as a guarantee of quality. This information pertains only to the product as a whole and is not automatically valid when used with other products or in any other process, unless otherwise stated in the text.

High Rebound

Echocel® High Rebound is a high-resilience polyurethane foam engineered for energy return, dynamic support, and durability. This performance-grade material is ideal for orthotics, prosthetics, and footwear components that demand responsive cushioning and long-term reliability.

Echocel® High Rebound harnesses the energy of each step to help propel the user into the next step, increasing comfort and reducing fatigue.

This dynamic open-cell foam technology reacts instantly to each step, providing 55% more rebound. Its constant resilience and cushioning help maintain an energy-efficient stride while combating fatigue.

The medical urethanes are crafted from medium-density microcellular foam (with cells around 100 microns in size). They contain no plasticisers or toxic materials, ensuring they will not become brittle or crack over time.