

Impact

ECHOCEL DATASHEET

HIGHLIGHTS

- Outstanding impact absorption
- High density and strength
- Ideal for protective layers
- Durable and long-lasting
- Processing flexibility

SPECIFICATIONS



Density
210-290 kg/m²



Resilience
8%



Tensile strength
483kPa



Deflection
26-62kPa



Elongation
170%



Colors

AVAILABLE THICKNESSES



3.2 6.4 mm

echoCEL
SMART.PU



check online

A BRAND OF **FRECOMA**

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www.frecoma.nl

Echocel® Impact is a premium-grade polyurethane foam developed for superior shock absorption and peak pressure reduction. It is engineered to perform in demanding environments such as orthotics, prosthetics, and footwear applications where impact protection is critical.

A comfortable, flexible, lightweight, and breathable cushioning material that absorbs 90% of impact, even at minimal thickness, providing long-lasting relief for joints.

This makes it particularly suitable for insoles designed for athletes, individuals with obesity, and/or osteoarthritis.

Validated against:
Cytotoxicity and Extractable substances (MEM)
Direct primary skin irritation (PSI)

EU-MDR



Manufacturer's warranty & storing: When working with multiple materials during processing, chemical reactions and incompatibilities between components should always be tested beforehand. We are not liable for damage caused by failure to follow our instructions or responses beyond our influence and control. Store under normal conditions, but avoid storage in direct sun. The goods are guaranteed for 6 months from the date of delivery.

This version replaces all previous versions.

V 2.5.1