



Luxurious comfort with
dynamic memory response.

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ECHOCEL® Pulse delivers an unparalleled level of comfort. This exceptional custom-contouring material seamlessly bounces back to its initial state after every use. Engineered with precision, Pulse cushioning goes above and beyond, consistently adapting to provide unwavering support, contouring to your unique curves with each application. ECHOCEL® Pulse passes independent cytotoxicity and primary skin irritation testing making it safe for use in medical footwear applications.

Tailored Comfort and Support:

- A material that reliably reverts to its original shape, post-use
- Custom-fit, for full contact to enhance stability and balance
- An excellent low-impact absorption that molds to the body

Enduring Performance:

- Prolonged comfort and exceptional resistance to compression set, ensuring longevity even with frequent use
- Utilizes open-cell, breathable technology

Available Colors:

- Salmon
- Yellow (not stocked)



characteristics

- Impact resistant
- Breathable
- Low compression set
- High stretch
- Dimensionally stable
- Low resiliency
- Exceptional compression fatigue

typical properties

| Polymer | Polyurethane | | |
|----------------------------------|--------------|-------------------|--------------------------------|
| Physical Property | Test Method | Result (US Units) | Result (Metric Units) |
| Density | ASTM D3574 | 13 – 18 pcf | 208.2- 288.3 kg/m ³ |
| Compression Force Deflection 25% | ASTM D3574 | 4 – 9 psi | 27.5 – 62 kPa |
| Compression Set 50% | ASTM D1056 | 3% Max | 3% Max |
| Compression Set 50% | ASTM D3574 | 5% Max | 5% Max |
| Tensile Strength | ASTM D3574 | 70 psi | 482.6 kPa |
| Elongation | ASTM D3574 | 170% | 170% |
| Tear Strength | ASTM D624 | 12 lb./in | 2.1 kN/m |
| Resilience | ASTM D2632 | 8% | 8% |
| Service Temperature | -40 to 250 F | | |

Disclaimer: This information is furnished as a guide for selecting materials. Acor Orthopaedic, LLC. makes no warranties, expressed or implied, of merchantability with respect to the goods or that such goods are fit for any particular purpose. It is the customer's responsibility to obtain and test samples when determining suitability of material for a particular application.

