

## Ultra-high Density, Impact-absorbing Foam for Superior Comfort & Protection

OrthoLite® X-Sorb™ is the highest density, lowest rebound foam ever engineered by OrthoLite®—providing outstanding shock-dampening and energy absorption. The formulation is ideal for a wide range of applications across footwear, sports and safety equipment where unequaled comfort, performance, stability and mobility are critical.

### PRODUCT SUMMARY

With its extraordinarily low resiliency and high density, OrthoLite® X-Sorb™ foam deadens impact forces before they're transferred to the body. Low elongation and ultra-high tensile strength allow it to stretch and rebound—enhancing range of motion while maintaining all the signature OrthoLite® attributes. With OrthoLite® X-Sorb™, footwear can deliver superior confidence and under-foot protection, and sports equipment can enhance safety and reduce fatigue without adding bulk.

### APPLICATION

OrthoLite® X-Sorb™ is perfect for any situation that requires exceptional comfort and protection from impact and vibration. In footwear, it can be used in both single- and dual-layer applications—with a softer foam on top to deliver immediate step-in comfort. For safety and sports equipment, its tensile strength and minimal weight provide protection while reducing fatigue and enhancing performance—while allowing for full range of motion.

<b>Formulation</b> X-Sorb	<b>MOQ</b> Standard	<b>5%</b> Total Eco Content	<b>5%</b> Recycled Rubber
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**Density:**  
0.18D

**Hardness:**  
15 +/-4 Asker C

**Compression Set:**  
≤5%

**Resilience %:**  
≤8%

**Thickness:**  
3mm-20mm

**Sheet Size:**  
110cm x 170cm  
110cm x 147cm

**Finished Goods:**  
Available in sheets and die-cut.

Contact your OrthoLite® representative regarding molded specifications.

**Colors Available:**  
Grey 17-1501 TPX  
Seedpearl Hybrid 12-0703 TPX

**Recycled Rubber:**  
All OrthoLite® open-cell formulations contain 5% recycled rubber content

