



Recycled content



Long-term cushioning



Moisture management



High-level breathability



Lightweight



Washable



Antimicrobial

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.

Formulation
X-Sorb

MOQ
Standard

5% Total Eco Content

5% Recycled Rubber



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



Hybrid

ORTHOLITE® HYBRID™ TECHNOLOGY

OrthoLite® Hybrid™ Technology is available in the Seedpearl Hybrid color 12-0703 TPX. Hybrid is a recycled technology that reuses post production waste foam. Waste colors and waste pieces will vary in size, density, hardness and color.

ORTHOLITE® HYBRID™ TECHNOLOGY IS AVAILABLE IN MOST FORMULATIONS.