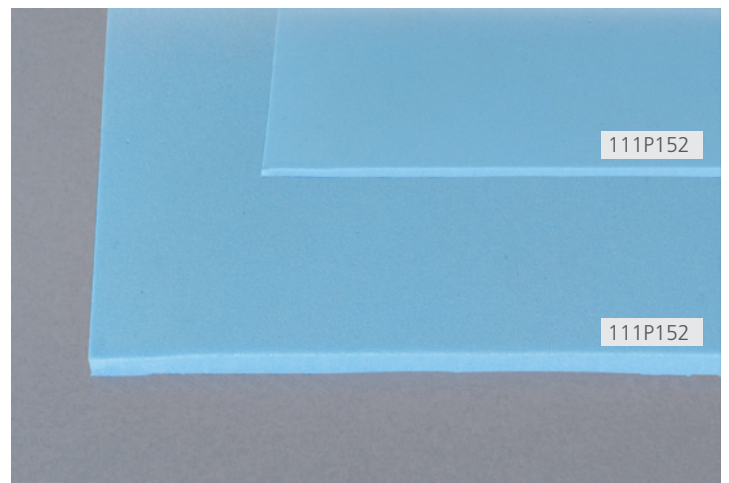
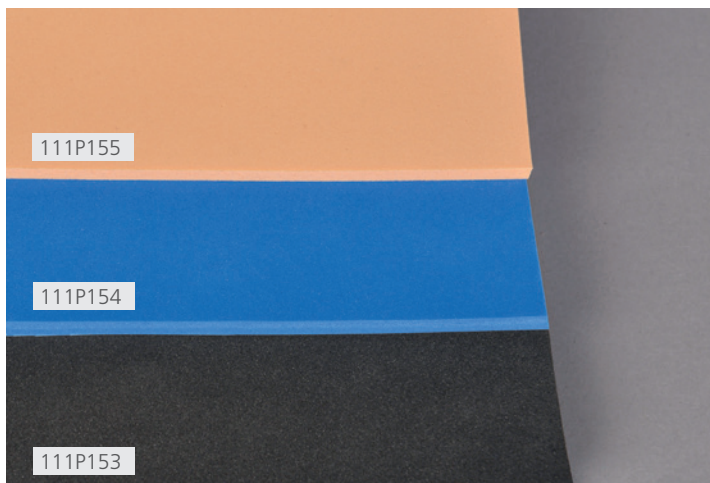


Padding materials for modern orthotic care: Alveolux XRE and Alveolux XSA



Complex health aids require materials which meet the high demands of orthopaedic technology: The two new PO-foams Alveolux XRE rebound and Alveolux XSA shock absorb with their excellent characteristics fulfil all demands and are optimally suitable for manufacturing of various insoles and orthotic aids; as well as for manufacturing of prosthetic soft sockets.

Alveolux XRE rebound (111P153, 111P154, 111P155)

Extremely soft, resilient and perfectly formable – thanks to its high energy-retaining effect (rebound), the new Alveolux XRE is the ideal padding material for dynamic use and devices in the field of sports. The material provides an anti-slip effect and is furthermore washable in warm water, using a mild detergent.

Characteristics

- PO-foam
- for manufacturing of resilient prosthetic soft sockets, paddings and orthotics
- very fine, even and closed cell structure
- high stability, low weight
- high restoring force
- bio-compatible, disinfectable, water resistant and washable at 30°C (86°F)
- rebound- and anti-slip effect
- moulding temperature approx. 120 – 140°C (250 – 280°F)
- approx. 14 Shore A
- available in thicknesses of 3, 4 and 5 mm

Alveolux XSA shock absorb (111P152)

The light foam Alveolux XSA convinces with a velvety surface and soft, efficient shock absorption (shock absorb). It retards microbial growth, features a good force absorption and is ideally suitable for protective or absorbing devices. Thanks to its high elasticity, the material maintains its shape for a long time.

Characteristics

- very light PO-foam
- for manufacturing of soft embeddings for insoles and orthotics as well as prosthetic soft sockets
- fine, even and closed cell structure
- retards microbial growth; bio-compatible
- high force absorption, very good restoring force
- shock-absorb effect
- moulding temperature approx. 120 – 140°C (250 – 280°F)
- approx. 19 Shore A
- available in thicknesses of 4 and 6 mm