

SYNBONE Portfolio for Ballistic Testing

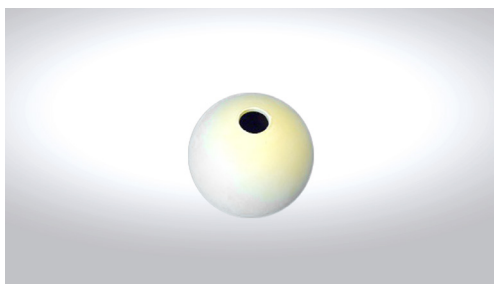
In cooperation with ballistics specialists from swiss defence sector SYNBONE has developed a range of generic bone models which are suitable for simulating the effects of ammunition on human bones. These geometrically simplified models are constructed from specially formulated polyurethane which indicates the same outcome as a real bone when struck by projectiles. The models are available as flat sheets, tubes or hollow spheres and are normally supplied with a rubber simulating the periosteum.



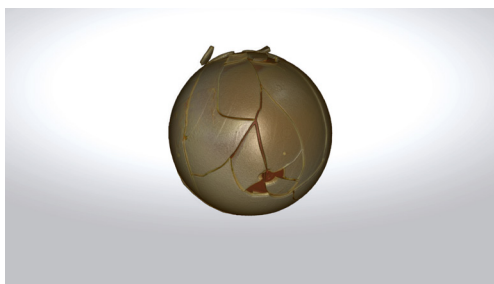
Generic bone before use



Generic bone after use



Generic sphere before use



Generic sphere after use

PR0106.G Generic bone ø 30mm wall 3mm

Description Generic Bone
Dimensions Length: 265mm +/- 0.5mm
Diameter: 30mm.
Wall thickness: 3mm.
Weight: 63g +/- 5%

Quality 085

Material Modified bone like polyurethane, coated with a rubberskin

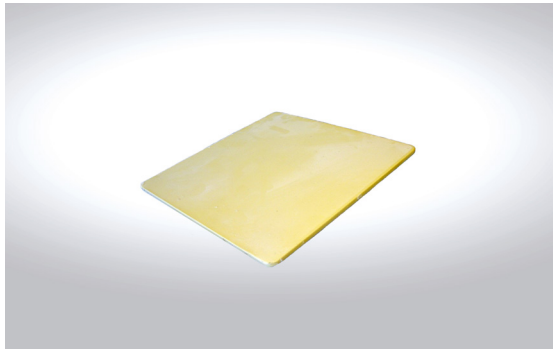
Option Can also be delivered without Skin (PR0106) and in different sizes.

PR0061.G Generic Sphere 6mm

Description Hollow sphere made in one piece
Dimensions Diameter: 190mm.
Wall thickness: 6mm.
Weight: 500g +/- 5%

Material Modified bone like polyurethane, coated with a rubberskin

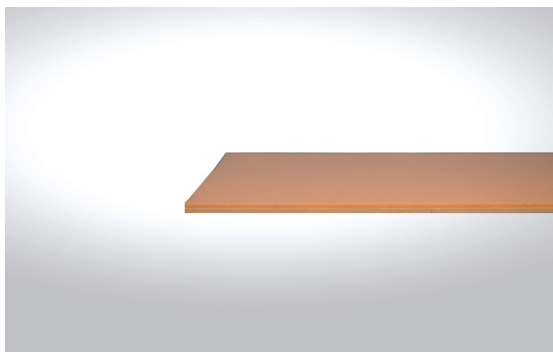
Option Can also be delivered without Skin (PR0106) and in different sizes.



Generic plate

PR0113.G Generic Plate 5mm

- Description** Generic plate
- Dimensions** 250x250x5mm
Weight: 250g +/-5%
- Material** Modified bone like polyurethane, coated with a rubberskin
- Option** Can also be delivered without Skin (PR0113).



Soft tissue pad

PR1043.10 Soft Tissue Pad

- Description** Soft tissue pad with matrix
- Dimensions** 360x230x 4.2mm
- Material** Silicone Ecoflex
- Remarks** Shore 0-3A (0-30)
- Option** Can also be delivered in different sizes

As details make the difference SYNBONE is your preferred partner for better education outcome. Customized solutions are also available, please contact us if you need another model definition. SYNBONE worldwide contact information – sales@synbone.com