

Otto Bock®

QUALITY FOR LIFE



PU-Resin-Kit Polytol® 617H14

The new polyurethane lamination resin system from Otto Bock

Polytol® is a high-quality, colorless, transparent, polyurethane-based three-component resin. Prosthetic sockets fabricated out of this aliphatic PU lamination resin system are skin-friendly and are notable for their high permanent elasticity in the defined areas compared to acrylic and epoxy resins. Because of its chemical composition, our PU resin is particularly suitable for lamination work involved in the fabrication of flexible prosthetic sockets.

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PU-Resin-Kit Polytol®

617H14

The 617H14 Polytol® PU Resin Kit is used for the fabrication of flexible inner sockets for prostheses. The new polyurethane-based lamination resin system consists of three components that are delivered as a starter kit (mixing ratio 1:1:1):

Component A:	PU resin, contents 495 g
Component B:	Isocyanate, contents 99 g
Component C:	Catalyst, contents 165 g

Article number	Order by
617H14	1 PU-Resin-Kit Polytol

You can use our proven pigment pastes (also see page 74 in the Materials Catalog 646K1=GB) to tint the Polytol® resin. For sockets in combination with Orthocryl® resin, please use the primer.

Accessory

Article number	Order by
636W91	Polytol-Polytol Primer
636W92	Polytol-Orthocryl Primer

We also offer a practical seminar "Fabrication of flexible inner sockets made of Polytol® for prostheses". For more information please contact your local Otto Bock Branch.

Benefits

- High permanent elasticity
- Good adhesion to the skin
- Skin-friendly

Custom fabrications by Otto Bock Customer Service

Otto Bock offers special services as following:

- **Transfemoral fitting:** Fabrication of a socket for a short transfemoral residual limb
- **Hip disarticulation fitting:** Fabrication of a pelvic socket for a hip disarticulation prosthesis

The pelvic socket as a connecting element between the body and the prosthesis should be form-fitted to the pelvis. At the same time, natural movements should be restricted as little as possible. This is possible with an Otto Bock custom fabrication. The application of the Polytol® resin allows the pelvic socket to be fabricated with a relatively low weight as well as defined flexible and hard areas. Moreover, thin-walled structures that retain their shape also offer cosmetic advantages. For this purpose, please send us your plaster cast along with detailed specifications (dimension sheet) of the patient.

Polytol® is a registered trademark of Otto Bock.

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T Catalyst (component C): Toxic



N Isocyanate (component B): Irritant



N PU resin (component A): Harmful to health



N Isocyanate (component B): Environmentally hazardous

