



Pin Lock System for Myoelectric Arm

Silicone locking liners (sometimes also called roll-on sockets) provide comfort and secure suspension of the prosthesis. With a pin lock system, the liner “locks” the prosthesis in place, and the liner can only be released when the amputee presses a button on the side of the socket. But when a liner is used with a myoelectric arm, the electrodes cannot pick up the muscle impulses through the liner (needed to make the prosthesis work).

There is a simple solution – to have the prosthetist cut two small holes in the liner which allows the electrodes to go through to the skin and pick up the muscle impulses. Snap-on connectors attach the electrodes through the holes in the liner, and are then snapped shut over the liner. The amputee then enjoyed the benefits of the myoelectric prosthesis and a silicone locking liner.

