

## » ThermoChek Extra Soft

### High Temperature Thermoplastic

**Supplier:**

OrtoPed Inc.

**Features & Benefits:**

- EVA based material
- Very flexible material used for inner socket liners
- Extremely smooth surface, non-sticky surface eliminates the need of powder use
- Available with silicone surface for reduced friction

**Specifications:**

- Types: *Standard and with silicone*
- Material: *Standard= Ethylene vinyl acetate (EVA) copolymer*  
*With silicone= Ethylene vinyl acetate (EVA) copolymer with silicone layer*
- Thicknesses: *9mm (11/32"), 12mm (15/32") and 15mm (19/32")*
- Size: *400mm x 400mm (153/4" x 153/4")*
- Density: *0.95g/cm<sup>3</sup> (0.034lb/cu in)*  
*Shore D hardness= 33*
- Elastic modulus: *Standard= 26 MPa*  
*With silicone= 27 MPa*
- Tensile strength: *Standard= 10 MPa*  
*With silicone= 5.8 MPa*
- Degradation temperature: *230°C (446°F)*
- Shrinkage: *During activation= 3.2%*  
*During cooling= 1.6%*
- Working temperature: *150°C (302°F)*
- Heating time: *9mm= 11 minutes*  
*12mm= 14 minutes*  
*15mm= 20 minutes*
- Color: *White*

**Indications:**

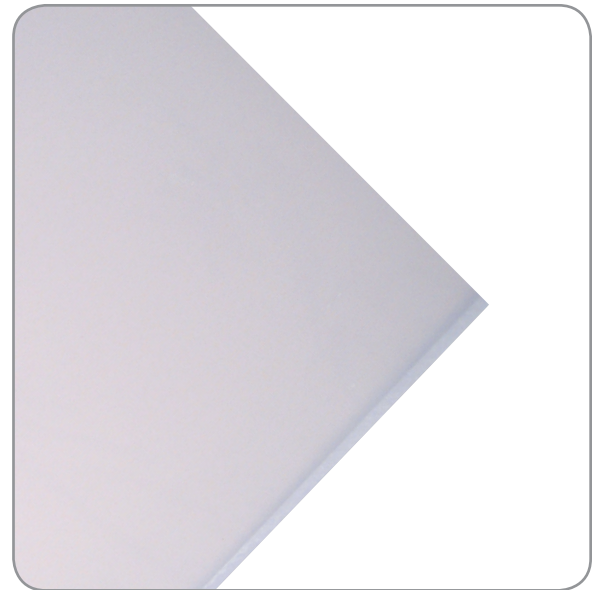
- Fabrication of soft transtibial or transfemoral sockets

**Call Points:**

- Prosthetists
- Prosthetic technician

**Warranty:**

- Against manufacturers defects



Item No.	Description	Thickness	Size	Color
OP-THCHEKXS10	Soft EVA-based thermoplastic	9mm (11/32")	400mm x 400mm (153/4" x 153/4")	White
OP-THCHEKXS12	Soft EVA-based thermoplastic	12mm (15/32")	400mm x 400mm (153/4" x 153/4")	White
OP-THCHEKXS15	Soft EVA-based thermoplastic	15mm (19/32")	400mm x 400mm (153/4" x 153/4")	White
OP-THCHEKXS-SIL9	Soft EVA-based thermoplastic with silicone	9mm (11/32")	400mm x 400mm (153/4" x 153/4")	White
OP-THCHEKXS-SIL12	Soft EVA-based thermoplastic with silicone	12mm (15/32")	400mm x 400mm (153/4" x 153/4")	White