

» ThermoChek Stiff

High Temperature Thermoplastic

Supplier:

OrtoPed Inc.

Features & Benefits:

- Durable
- No creeping (plastic deformation that occurs when constant load is applied over long periods)
- Optically clear to provide viewing of tissue
- Easily modifiable
- Odorless during heating
- Edges easy to finish
- Thermoformable
- Very rigid / Extremely strong
- Transparent
- Minimal Shrinkage
- High Impact Strength / High Rebound
- No brittleness
- Dimensionally Stable
- Allows bolting of adaptor to distal end
- When drilling, pulls in flush without countersinking
- Can be formed by bubble forming or drape molding
- Can be modified with heat gun after initial forming

Specifications:

- High Performance clear co-polyester
- Chemical characterisation: Preparation of styrene-butadiene copolymer
- Appearance flat sheet
- Color natural transparent
- Relative Density: 1.05 g/cm³
- Decomposition Temperature: 350°C (662°F) estimated
- Storage: Maximum 3 years
- Heating time: 3 minutes per mm thickness
- Working temperature: Orthotics 120°C (248°F)
- Working temperature: Prosthetics 160°C (360°F)

Indications:

- Fabrication of dynamic rigid diagnostic sockets

Call Points:

- Prosthetists
- Prosthetic technicians

Warranty:

- Warrantied against manufacturer defects



See Materials Catalog 2007/08, #89 (page 58)

Item No.	Description	Size	Unit
OP-THCHEK8	ThermoChek Stiff	395mm x 395mm x 8mm	Sheet (square)
OP-THCHEK10	ThermoChek Stiff	395mm x 395mm x 10mm	Sheet (square)
OP-THCHEK12	ThermoChek Stiff	395mm x 395mm x 12mm	Sheet (square)
OP-THCHEK15	ThermoChek Stiff	395mm x 395mm x 15mm	Sheet (square)