

**Orthocell**

**Thermoformable Foam**

**Supplier:**

OrtoPed Inc.

**Features & Benefits:**

- Great orthopaedic padding and cushioning material
- Excellent for diabetic applications
- Excellent memory — Does not pack down
- Softer than P-Cell, less abrasive than pink plastazote
- Absorbs less perspiration
- Hypo-allergenic, hygienic and non-toxic
- Compatible with other materials such as textile, films, other foams, other adhesives etc.
- Greater shock absorption properties
- Thermoformable, grindable, gluable, vacuum formable

**Specifications:**

- Color: Pink
- Fine, uniform closed-cell structure
- Temperature resistance: -60°C to 90°C (-76°F to 194°F)
- Tensile strength: 820kPa
- Density: 76–89 Kgs/m<sup>3</sup>
- Elongation: > 155%; Deflection 25%: 90–125 kPa
- Durometer: Shore A 18–22
- Working temperature: 80°C (176°F)
- Heating time: 2–3 minutes per mm thickness

**Indications:**

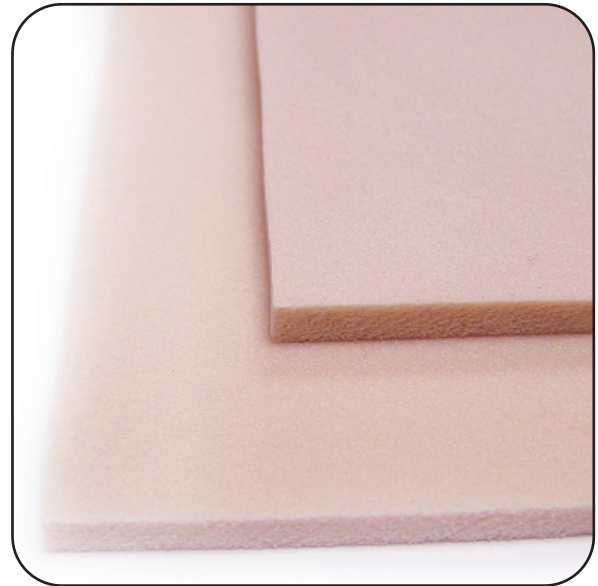
- Foot orthotics
- Diabetic applications
- Lining
- Padding

**Call Points:**

- Orthotist
- Prosthetist
- Orthotic technician
- Prosthetic technician
- Pedorthist
- Podiatrist
- Chiropracist

**Warranty:**

- Against manufacturers defects



See Materials Catalog 2007/08, #61 (page 45)

Item No.	Description	Size	Unit
OP-ORTHOCELL-3	Thermoformable polyethylene foam	1900mm x 900mm x 3mm	Sheet
OP-ORTHOCELL-4	Thermoformable polyethylene foam	1900mm x 900mm x 4mm	Sheet
OP-ORTHOCELL-6	Thermoformable polyethylene foam	1900mm x 900mm x 6mm	Sheet
OP-ORTHOCELL-12	Thermoformable polyethylene foam	1900mm x 900mm x 12mm	Sheet
OP-ORTHOCELL-18	Thermoformable polyethylene foam	1900mm x 900mm x 18mm	Sheet
OP-ORTHOCELL-24	Thermoformable polyethylene foam	1900mm x 900mm x 24mm	Sheet