Thermablok Manufacturing Process Overview

- Start with a non-woven blanket
  — Typically polyester, glass, carbon, or ceramic fiber
- Fill that blanket with a wet gel
- Remove the solvents via supercritical CO2 extraction
- Roll the blanket onto a spool

**Step 1:**
Fill fibrous batting with a liquid-solid solution

**Step 2:**
Extract solvents with supercritical carbon dioxide

**Step 3:**
Resulting dry, fiber reinforced Thermablok aerogel blanket

Thermablok Production Flow Overview

1. **Casting**
2. **Gelation**
3. **Dry fiber blanket**
4. **Supercritical Extraction**
5. **Rolls packed for shipment**
6. **Drying**