

## Calcium Silicate Blocks

**Appearance:**

White rigid insulation

**Product:**

Pipe Supports: 15mm - 600mm nb (Nominal Bore Pipe)

15mm - 159mm cu (Copper Pipe)

15mm - 304mm s/s (Stainless Steel Pipe)

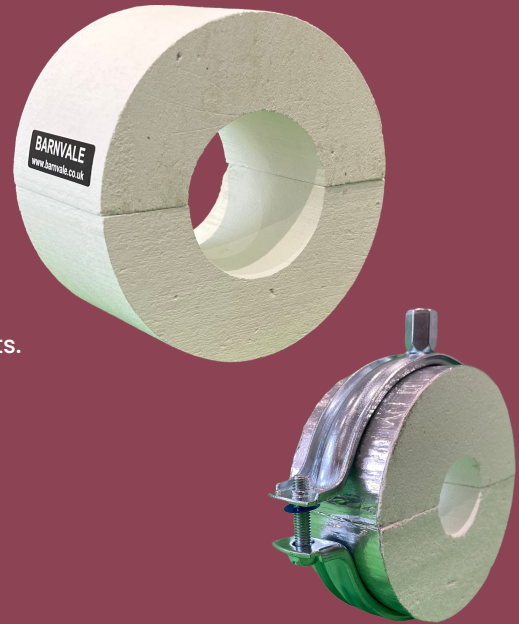
Can also be cut to accommodate thermal expansion requirements.

**Standard Thicknesses:**

20mm, 25mm, 30mm, 35mm, 40mm, 45mm, 50mm,  
60mm, 65mm, 75mm, 80mm, 90mm & 100mm

**Standard Lengths:**

50mm, 80mm or 100mm



## Typical Product Performance

Service Temp: Min 0°C Max 950°C

Bulk Density: 245 Kg/m<sup>3</sup>

Cold Compressive Strength: > 1.5 Nmm<sup>2</sup>

Linear Shrinkage@ 1000°C - 12h: 1.3%

Thermal Conductivity @ 400°C: 0.075 W/mK

Thermal Conductivity @ 400°C: 0.105 W/mK

Thermal Conductivity @ 600°C: 0.145 W/mK

Thermal Conductivity @ 800°C: 0.175 W/mK

## Description

Our Calcium Silicate blocks are a tough and durable insulation, offering exceptional thermal efficiency on hot process applications.

Non-combustible, it is an inert material, containing non-asbestos. Can be supplied with an applied aluminium foil backing or with a sheet metal sleeve for vapour barrier purposes.

## Product Application

An ideal insulation material for high temperature pipes and vessels and as a secondary backup insulation in furnace and smelter applications. Used throughout the Petrochemical, Power Generation, Furnace and Primary Aluminium sectors, it combines excellent thermal efficiency with high compressive strength.

**Need assistance or further information, please call us on 020 8591 9588 or email [sales@barnvale.co.uk](mailto:sales@barnvale.co.uk)**