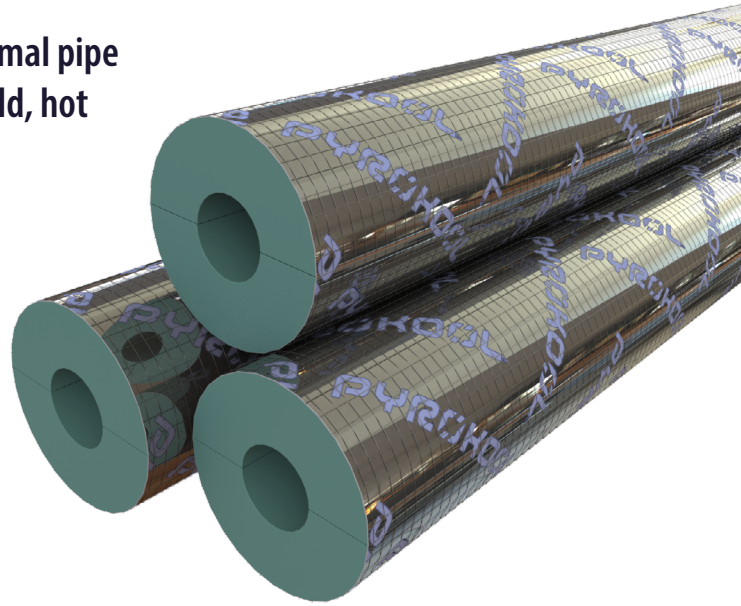


PYROKOOL™ is a high performance rigid phenolic thermal pipe insulation used primarily for the lagging of chilled, cold, hot and heating pipework.

Key Points

- EN 15804:2012+A1:2013 Environmental Product Declaration (EPD) - BRE Global Verified
- BS EN14314 Phenolic foam standard compliant
- Fire and Smoke safe - BL -s1, d0 tested to EN 13501-1
- Thermally efficient - max aged K value of 0.025 W/m·k tested to EN12667
- Environmentally safe - CFC & HCFC free, GWP less than 5
- Zero Ozone Depletion Potential
- Bore coated in line with major engineering specifications



Properties	Standard	Units	PYROKOOL™
Nominal Density		kg/m ³	40
Colour			GREEN
Thermal Conductivity	EN12667	W/m·k at 10°C	0.025 MAX
Temperature Range		Celsius	-50°C to +120°C
Compressive Strength	EN826	kPa	
Parallel to rise			min 120
Closed Cell Content	EN4590		> 90%
Dimensional Stability	EN1604		<1.5%
Water Absorption	EN1609	kg/m ²	<1.25

Fire Test Classification		
European Standard EN 13501-1	B _L - s1, d0	25mm & 50mm thick foiled pipe section

PYROKOOL™ complies with the requirements of product standard BS EN14314, thermal insulation products for building equipment and industrial installations – factory made phenolic foam (PF) products.

PYROKOOL™ is fire and smoke safe and has been tested at Warrington Fire in the UK as a pipe section to the required standard EN13501-1 achieving BL - s1, d0.

PYROKOOL™ is highly thermally efficient with a maximum aged K value (thermal conductivity) tested to European standard EN12667 of 0.025 W/m·k.

PYROKOOL™ is verified in accordance with the requirements of EN 15804:2012+A1:2013 - under the BRE Global Verified Environmental Product Declaration (EPD).

PYROKOOL™ is manufactured as a rigid block at a standard density of 40kg/m³. The section is fabricated from block at a uniform thickness and to close tolerances ensuring a tight fit to the pipe.

PYROKOOL™ is impregnated with a passivating silicate solution at foam manufacturing stage and the inner bore of PYROKOOL™ pipe sections are treated with a factory applied dust suppressing passivating bore coating solution.

A fire rated aluminium foil vapour barrier is applied to the PYROKOOL™ pipe sections as standard. Alternative factory applied facings are also available – Proclad 150 or Vapor Fas 62-05 in silver, embossed, black or white.