BARNVALE
DESIGN AND INNOVATION

TECHNICAL SPECIFICATION

Phenolic Blocks

Manufactured in line with BS EN 14314: 2013.
100% CFC HCFC free. Also Halgen free.
Superior thermal insulation properties.
Manufactured with an internal chemically applied sodium silicate bore coating, for use on all pipes including copper.
Temperature Limit: -180 to +120°C
Thickness: 15, 20, 25, 30, 35, 40, 45, 50, 63, 75 & 100mm
Applied aluminium foiled vapour barrier on all blocks.
Can be supplied in box quantities.
Wide range of stocked sizes.



Pipe Size N.B	Copper	Support Length	Spreader Plate Metal swg	Phenolic Density kg/m³	Phenolic Compressive	Phenolic Thermal Conductivity
	15	80mm	None	80 kg/m³	450 kPa	0.030 +/- 0.002 W/mk
15	22	80mm	None	80 kg/m³	450 kPa	0.030 +/- 0.002 W/mk
20	28	80mm	None	80 kg/m³	450 kPa	0.030 +/- 0.002 W/mk
34	35	80mm	None	80 kg/m³	450 kPa	0.030 +/- 0.002 W/mk
42	42	80mm	None	80 kg/m³	450 kPa	0.030 +/- 0.002 W/mk
48		80mm	None	80 kg/m³	450 kPa	0.030 +/- 0.002 W/mk
	54	80mm	None	80 kg/m³	450 kPa	0.030 +/- 0.002 W/mk
60		80mm	None	80 kg/m³	450 kPa	0.030 +/- 0.002 W/mk
	67	100mm	None	80 kg/m³	450 kPa	0.030 +/- 0.002 W/mk
65	76	100mm	None	80 kg/m³	450 kPa	0.030 +/- 0.002 W/mk
80		100mm	None	80 kg/m³	450 kPa	0.030 +/- 0.002 W/mk
	108	100mm	None	80 kg/m³	450 kPa	0.030 +/- 0.002 W/mk
100		100mm	None	80 kg/m³	450 kPa	0.030 +/- 0.002 W/mk
	133	100mm	None	80 kg/m³	450 kPa	0.030 +/- 0.002 W/mk
125		100mm	None	80 kg/m³	450 kPa	0.030 +/- 0.002 W/mk
	159	100mm	None	80 kg/m³	450 kPa	0.030 +/- 0.002 W/mk
150		125mm	20swg	120 kg/m³	800 kPa	0.030 +/- 0.002 W/mk
200		125mm	20swg	120 kg/m³	800 kPa	0.030 +/- 0.002 W/mk
250		125mm	20swg	120 kg/m³	800 kPa	0.030 +/- 0.002 W/mk
300		200mm	20swg	120 kg/m³	800 kPa	0.030 +/- 0.002 W/mk
350		200mm	20swg	120 kg/m³	800 kPa	0.030 +/- 0.002 W/mk
400		200mm	20swg	120 kg/m³	800 kPa	0.030 +/- 0.002 W/mk
450		200mm	20swg	120 kg/m³	800 kPa	0.030 +/- 0.002 W/mk

250mm nb and above supplied in segments c/w with loose spreader plate.
We can also supply a range of support blocks to suit stainless steel pipework.

Need assistance or further information, please call us on 020 8591 9588 or email sales@barnvale.co.uk

BARNVALE
SUPPLIED BLOCK