

BIS Phenblox[®] Support Inserts



BIS Phenblox® Selection Chart

This chart is designed to help you select the right clamp and insulation block combination.

Step 1: Select insulation thickness (BIS Phenblox®)

Step 2: Select matching Clamp (2S Clamp, BIS HD 500 Clamp or BIS Split Band Clip)

Pipe Nb	Size mm	Size Cu	Product Type	Insulation thickness					
				15 mm	20 mm	25 mm	30 mm	40 mm	50 mm
-	-	15	Phenblox	8901015015	8901020015	8901025015	8901030015	8901040015	8901050015
			2S Clamp	33035046	33035061	33035067	33035081	33035095	33035118
			HD BUP Clamp	33038045	33038058	33038065	33048078	33048106	33048116
			Split Band Clip	B4093046	B4093056	B4093066	B4093077	B4093096	B4093117
15	21	22	Phenblox	8901015021	8901020021	8901025021	8901030021	8901040021	8901050021
			2S Clamp	33035052	33035061	33035074	33035081	33035103	33035127
			HD BUP Clamp	33038052	33038065	33038071	33048085	33048106	33048123
			Split Band Clip	B4093053	B4093063	B4093073	B4093081	B4093100	B4093122
20	27	28	Phenblox	8901015027	8901020027	8901025027	8901030027	8901040027	8901050027
			2S Clamp	33035061	33035067	33035081	33035087	33035112	33035127
			HD BUP Clamp	33038058	33038071	33048078	33048092	33048106	33048133
			Split Band Clip	B4093063	B4093070	B4093077	B4093089	B4093109	B4093127
25	34	35	Phenblox	8901015034	8901020034	8901025034	8901030034	8901040034	8901050034
			2S Clamp	33035067	33035074	33035087	33035095	33035118	33035137
			HD BUP Clamp	33038065	33048078	33048085	33048092	33048116	33048140
			Split Band Clip	B4093066	B4093077	B4093085	B4093096	B4093117	B4093139
32	42	42	Phenblox	8901015042	8901020042	8901025042	8901030042	8901040042	8901050042
			2S Clamp	33035074	33035087	33035095	33035103	33035127	33035144
			HD BUP Clamp	33048078	33048085	33048092	33048106	33048123	33048140
			Split Band Clip	B4093073	B4093083	B4093092	B4093103	B4093122	B4093143
40	48	-	Phenblox	8911015048	8911020048	8911025048	8911030048	8911040048	8911050048
			2S Clamp	33035081	33035095	33035103	33035112	33035137	33035153
			HD BUP Clamp	33048078	33048092	33048106	33048116	33048133	33048154
			Split Band Clip	B4093081	B4093089	B4093100	B4093109	B4093132	B4093152
-	-	54	Phenblox	8911015054	8911020054	8911025054	8911030054	8911040054	8911050054
			2S Clamp	33035087	33035095	33035112	33035118	33035137	33035162
			HD BUP Clamp	33048085	33048092	33048106	33048116	33048140	33048154
			Split Band Clip	B4093089	B4093096	B4093106	B4093114	B4093139	B4093155
50	60	-	Phenblox	8911015060	8911020060	8911025060	8911030060	8911040060	8911050060
			2S Clamp	33035095	33035103	33035112	33035127	33035144	33035162
			HD BUP Clamp	33048092	33048106	33048116	33048123	33048140	33048169
			Split Band Clip	B4093092	B4093103	B4093114	B4093122	B4093143	B4093163
-	-	66	Phenblox	8911015066	8911020066	8911025066	8911030066	8911040066	8911050066
			2S Clamp	33035103	33035112	33035118	33035127	33035153	33035172
			HD BUP Clamp	33048106	33048106	33048116	33048133	33048154	33048169
			Split Band Clip	B4093096	B4093109	B4093117	B4093127	B4093148	B4093168

BIS Phenblox®



- Load bearing insulation block
- Self-adhesive closure tab
- Stepped joint faces

2S Clamps (M8/10)



- 2 screw clamp
- Screws secured with anti-loss washer
- Zinc plated finish

BIS HD 500 Clamps



- Heavy duty
- CO₂ welded connection nut
- Captive locking nuts and bolts
- BIS Ultraprotect® (BUP) coating

BIS Split Band Clips



- 2 piece clamp
- Zinc plated finish

Pipe Nb	Size mm	Size Cu	Product Type	Insulation thickness					
				15 mm	20 mm	25 mm	30 mm	40 mm	50 mm
65	76	76	Phenblox	8911015076	8911020076	8911025076	8911030076	8911040076	8911050076
			2S Clamp	33035112	33035118	33035127	33035137	33035162	33035183
			HD BUP Clamp	33048106	33048116	33048133	33048140	33048154	33048183
			Split Band Clip	B4093106	B4093117	B4093127	B4093139	B4093159	B4093176
80	89	-	Phenblox	8911015089	8911020089	8911025089	8911030089	8911040089	8911050089
			2S Clamp	33035127	33035137	33035144	33035153	33035172	33035194
			HD BUP Clamp	33048123	33048133	33048140	33048154	33048169	33048202
			Split Band Clip	B4093122	B4093132	B4093139	B4093152	B4093172	B4093190
-	-	108	Phenblox	8911015108	8911020108	8911025108	8911030108	8911040108	8911050108
			2S Clamp	33035144	33035153	33035162	33035172	33035194	33035216
			HD BUP Clamp	33048140	33048154	33048169	33048169	33048202	33048219
			Split Band Clip	B4093139	B4093148	B4093159	B4093168	B4093190	B4093212
100	114	-	Phenblox	8911015114	8911020114	8911025114	8911030114	8911040114	8911050114
			2S Clamp	33035144	33035162	33035172	33035183	33035194	33035216
			HD BUP Clamp	33048140	33048154	33048169	33048183	33048202	33048219
			Split Band Clip	B4093143	B4093155	B4093168	B4093176	B4093196	B4093216
-	-	133	Phenblox	8911015133	8911020133	8911025133	8911030133	8911040133	8911050133
			2S Clamp	33035172	33035183	33035183	33035194	33035216	N/A
			HD BUP Clamp	33048169	33048183	33048183	33048202	33048219	33068241
			Split Band Clip	B4093163	B4093172	B4093183	B4093193	B4093216	B4093236
125	140	-	Phenblox	8911015140	8911020140	8911025140	8911030140	8911040140	8911050140
			2S Clamp	33035172	33035183	33035194	33035205	33035225	N/A
			HD BUP Clamp	33048169	33048183	33048202	33048202	33068227	33068254
			Split Band Clip	B4093172	B4093180	B4093190	B4093202	B4093220	B4093240
-	-	159	Phenblox	8911015159	8911020159	8911025159	8911030160	8911040159	8911050159
			2S Clamp	33035194	33035205	33035216	33035225	N/A	N/A
			HD BUP Clamp	33048202	33048202	33048219	33048219	33068254	33068279
			Split Band Clip	B4093190	B4093202	B4093212	B4093220	B4093240	B4093260
150	168	-	Phenblox	8911215168	8911220168	8911225168	8911230168	8911240168	8911250168
			2S Clamp	33035205	33035216	33035225	N/A	N/A	N/A
			HD BUP Clamp	33048202	33048219	33048219	33068227	33068254	33068279
			Split Band Clip	B4093202	B4093212	B4093220	B4093232	B4093250	B4093270

Wood blocks and Calcium Silicate also available.

BIS Phenblox® Support Inserts

Features and benefits

- Bore coating eradicates any possibility of pipe corrosion on copper pipes
- Stepped joint faces to ensure vapour seal and accurate location
- Tested for accurate fit with Walraven clamps
- Best available thermal insulation properties
- Excellent chemical resistance
- Cell structure resists moisture absorption and mold
- More cost effective than wood, calcium silicate or foam glass due to higher insulation value
- Class 'O' fire rated



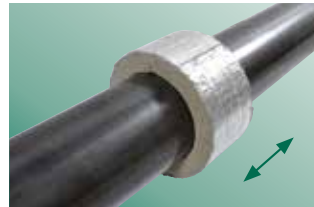
How to install



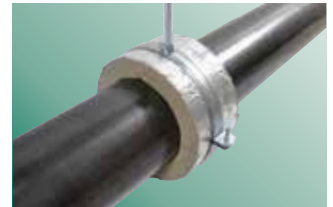
1. Ensure correct size of block.
Lift sealing tag, open block and position around pipe.



2. Close block around pipe and re-seal tag.



3. Slide block to correct position.



4. Fit pipe clamp and drop rod. Insulation can be applied to pipe and vapour sealed.

Specific characteristics

- Foil covering
- Metal spreader plate above 50 Nb
- Available in standard insulation thickness: 15, 20, 25, 30, 40 and 50 mm. Others available on request
- Made in accordance with our ISO 9001:2015 approval

Technical characteristics

- Manufactured from high density Phenolic Foam
- <111mm OD pipe, 60 kg/m³
- 111 to 169 mm OD pipe, 80 kg/m³
- >170 mm OD pipe, 120 kg/m³
- Free from CFC's and HCFC's
- Temperature resistance from -50°C to +110°C

- K value 0,030 to 0,032 W/m C at 10°C
- Class 'O' fire rated to BS 476/7
- 5% smoke emission to BS 5111
- Negligible water absorption
- Ignitability BS476 Pt5 Class 'P'

See selection chart on the inside of this leaflet for part numbers and sizes.

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