ROCKWOOL PIPE SUPPORT BLOCKS

Product Description

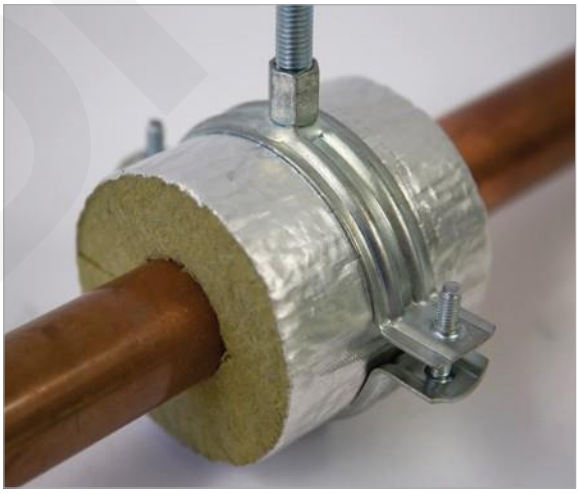
Rockwool pipe supports are available in a wide range of pipe diameters and insulation thicknesses. Manufactured from high density mineral wool, they are non-combustible and provide high load bearing capacity and highly effective insulation for pipework. Rockwool pipe supports are faced with durable aluminium foil with a self-adhesive closure strip to provide an effective vapour barrier seal.

Benefits unique to this product are its superior fire classification and suitability for use with pipework temperatures up to 250°C. Rockwool blocks are more robust than other pipe support options and better suited for handling on site.

Applications

Rockwool pipe supports are designed to support the compressive loads of pipework and limit thermal bridging and heat loss or gain to the pipework through the pipe support brackets. When combined with mineral wool pipe insulation they form an effective pipework insulation system with thermal, fire and acoustic benefits.

Rockwool pipe supports are typically used with LTHW and CHW pipework systems and may be used with a wide range of pipe types including steel, stainless steel, carbon steel, copper, multiplex and plastic.



Technical Data

- Pipe Diameter Range: 15 – 210mm O.D.
- Insulation Thickness: 20 - 100mm
- Insulation Length: 80 - 100mm
- Material: High density stone wool
- Specific Heat Capacity: 0.84KJ/KgK
- Pipework Operating Temperature: 0°C - 250°C
- Reaction to Fire: Non-combustible stonewool
- Water Vapor Resistance: (μ) >10,000

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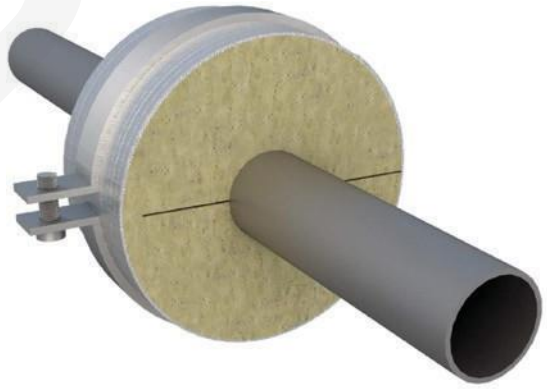
Product Table

CODE	COPPER SIZE	STEEL SIZE	INSULATION THICKNESS 20		25		30		40		50	
			MF CODE	BOX QTY	MF CODE	BOX QTY	MF CODE	BOX QTY	MF CODE	BOX QTY	MF CODE	BOX QTY
RWC015**	15		11380151	128	11380152	98	11380153	72	11380154	50	11380155	32
RWC017**		3/8"	11380171	128	11380172	98	11380173	72	11380174	50	11380175	32
RWC021**	22	1/2"	11380211	128	11380212	72	11380213	72	11380214	32	11380215	32
RWC027**	28	3/4"	11380271	98	11380272	72	11380273	50	11380274	32	11380275	18
RWC034**	35	1"	11380341	72	11380342	50	11380343	50	11380344	32	11380345	18
RWC042**	42	1.1/4"	11380421	72	11380422	50	11380423	32	11380424	32	11380425	18
RWC048**		1.1/2"	11380481	50	11380482	50	11380483	32	11380484	18	11380485	18
RWC054**	54		11380541	50	11380542	32	11380543	32	11380544	18	11380545	18
RWC060**		2"	11380601	50	11380602	32	11380603	32	11380604	18	11380605	18
RWC067**	67				11380672	32	11380673	18	11380674	18	11380675	8
RWC076**	76	2.1/2"			11380762	18	11380763	18	11380764	18	11380765	8
RWC089**		3"			11380892	18	11380893	18	11380894	8	11380895	8
RWC108**	108				11381082	18	11381083	8	11381084	8	11381085	8
RWC114**		4"			11381142	18	11381143	8	11381144	8	11381145	8
RWC140**		5"			11381402	8	11381403	8	11381404	8	11381405	8
RWC168**		6"			11381682	8	11381683	8	11381684	8	11381685	2

Installation

Rockwool Pipe Supports are supplied pre-cut. Place the support around the pipework with the opening to one side and position in the location of the pipe support bracket. Seal the pipe support with the self-adhesive overlap strip and position the pipe bracket centrally on the pipe support. Tape the joints between the pipe support and pipe insulation with a suitable self-adhesive foil tape to maintain a continuous vapour barrier.



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Load Bearing Calculations

Steel Pipe

STEEL PIPE SIZE & WEIGHT							
NB (IN)	NB (MM)	OD (MM)	FILLED WEIGHT (KG/M)	INSULATED WEIGHT (KG/M)	BLOCK LENGTH (MM)	MAX. LOAD (KG)	*MAX. SUPPORT SPACING (M)
½	15	21	1.19	1.40	80	10	2
¾	20	27	1.64	2.07	80	13	3
1	25	34	2.25	2.74	80	17	3
1¼	32	42	3.39	4.17	80	22	3
1½	40	48	4.11	5.13	80	26	3
2	50	60	5.73	7.38	80	33	3
2½	65	76	8.66	11.29	80	55	3
3	80	89	11.57	15.17	80	70	3
4	100	114	17.91	23.31	80	77	3
5	125	140	25.88	31.92	80	108	2
6	150	168	36.57	43.16	100	125	2

Steel pipe to BS EN 10020
*Maximum recommended support spacing limited by capacity of the blocks and/or the maximum spacings according to DIN 1988-2

Copper Pipe

COPPER PIPE SIZE & WEIGHT					
OD (MM)	FILLED WEIGHT (KG/M)	INSULATED WEIGHT (KG/M)	BLOCK LENGTH (MM)	MAX. LOAD (KG)	*MAX. SUPPORT SPACING (M)
15	0.52	0.70	80	3	1
22	0.9	1.11	80	10	2
28	1.6	2.05	80	13	2
35	2.21	2.7	80	17	2
42	2.89	3.69	80	22	3
54	4.87	6.19	80	31	3
67	6.29	10.93	80	45	3
76	8.22	10.93	80	55	3
108	15.7	20.98	80	76	3

Copper pipe to BS EN 1057
*Maximum recommended support spacing limited by capacity of the blocks and/or the maximum spacings according to DIN 1988-2