

Micro-Lok® HP and Micro-Lok® HP Ultra – Fiber Glass Pipe Insulation

Jacketed System Product Density

Johns Manville Micro-Lok HP and Micro-Lok HP Ultra fiber glass pipe insulation are acceptable for use in fire stop applications where fiber glass pipe insulation is referenced. The tables below show the product density for our jacketed insulation system.

Micro-Lok HP and Micro-Lok HP Ultra Jacketed product density (pcf)

NPS pipe size	Insulation thickness, nominal (In)									
	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5
½	8.2	5.0	4.3	3.8	-	-	-	-	-	-
¾	7.4	5.1	4.3	3.8	-	-	-	-	-	-
1	6.4	4.5	3.9	3.7	3.7	3.6	-	-	-	-
1¼	6.3	4.9	3.8	3.8	3.7	3.6	-	-	-	-
1½	5.6	4.3	3.9	3.7	3.6	3.6	3.5	-	-	-
2	5.5	4.0	3.8	3.7	3.6	3.6	3.5	-	-	-
2½	5.5	4.0	3.7	3.6	3.6	3.6	-	-	-	-
3	5.4	4.0	3.8	3.7	3.6	3.6	3.5	3.5	3.5	3.5
3½	5.5	3.8	3.7	3.6	3.6	3.5	3.5	3.5	-	-
4	5.3	3.9	3.7	3.6	3.6	3.5	3.5	3.5	3.5	3.5
4½	5.4	3.8	3.7	3.6	3.6	3.5	3.5	3.5	-	-
5	5.3	3.9	3.7	3.6	3.6	3.5	3.5	3.5	3.5	3.5
6	5.2	3.9	3.7	3.6	3.6	3.5	3.5	3.5	3.5	3.5
7	-	3.9	3.7	3.6	3.6	3.5	3.5	3.5	3.5	3.5
8	-	3.9	3.7	3.6	3.6	3.5	3.5	3.5	3.5	3.5
9	-	3.9	3.7	3.6	3.5	3.5	3.5	3.5	3.5	-
10	-	3.9	3.7	3.6	3.5	3.5	3.5	3.5	3.5	-
11	-	3.8	3.7	3.6	3.5	3.5	3.5	3.5	-	-
12	-	3.8	3.7	3.6	3.5	3.5	3.5	3.5	3.5	-
14	-	3.9	3.7	3.6	3.5	3.5	3.5	3.5	3.5	-
15	-	3.9	3.7	3.6	3.5	3.5	3.5	3.5	-	-
16	-	3.9	3.7	3.6	3.5	3.5	3.5	3.5	3.5	-
17	-	3.9	3.7	3.6	3.5	3.5	3.5	3.5	-	-
18	-	3.9	3.7	3.6	3.5	3.5	3.5	3.5	3.5	-
19	-	3.9	3.7	3.6	3.5	3.5	3.5	3.5	-	-
20	-	3.9	3.7	3.6	3.5	3.5	3.5	3.5	-	-
21	-	3.9	3.7	3.6	3.5	3.5	3.5	3.5	-	-
22	-	3.9	3.7	3.6	3.5	3.5	3.5	3.5	-	-
23	-	3.9	3.7	3.6	3.5	3.5	3.5	3.5	-	-
24	-	3.9	3.7	3.6	3.5	3.5	3.5	3.5	-	-

Micro-Lok HP and Micro-Lok HP Ultra Jacketed product density (pcf)

Copper pipe size	Insulation thickness, nominal (In)					
	0.5	1	1.5	2	2.5	3
5/8	8.5	5.2	4.7	-	-	-
7/8	8.2	5.0	4.3	3.8	-	-
1 1/8	7.4	5.1	4.3	3.8	3.7	3.6
1 3/8	6.4	4.5	3.9	3.7	3.7	3.6
1 5/8	6.3	4.6	4.0	3.8	3.7	3.6
2 1/8	5.6	4.4	3.9	3.7	3.6	3.6
2 5/8	5.5	4.1	3.8	3.7	3.6	3.6
3 1/8	5.5	4.1	3.7	3.6	3.6	3.6
3 5/8	-	4.0	3.8	3.7	3.6	3.6
4 1/8	5.4	3.8	3.7	3.6	3.6	3.5
5 1/8	-	3.8	3.7	3.6	3.6	3.5
6 1/8	-	3.8	3.7	3.6	3.6	3.5