

## R-VALUES - ELASTOMERIC

The table below provides R-values for Nomaco Insulation elastomeric products:

Application (Pipe Size)	Insulation ID Nominal (in)	R-Values				
		3/8" Wall	1/2" Wall	3/4" Wall	1" Wall	1-1/2" Wall
1/4" CTS, 1/8" IPS	3/8"	2.5	3.3	5.2	—	—
3/8" CTS, 1/4" IPS	1/2"	2.4	3.1	5	—	—
1/2" CTS, 3/8" IPS	5/8"	2.3	3	5	7.2	13.2
5/8" CTS, 1/2" IPS	3/4"	2.2	3	5	7.2	13
3/4" CTS	7/8"	2.1	3	5	7	13
1" CTS	1-1/8"	2.1	2.9	5.1	6.6	12
1-1/4" CTS	1-3/8"	2	2.9	4.9	6.8	11.4
1-1/2" CTS, 1-1/4" IPS	1-5/8"	2.2	2.9	4.8	6.6	10.9
1-1/2" IPS	2"	2.3	2.9	4.9	6.3	10.5
2" CTS	2-1/8"	2.2	2.8	4.5	6.1	10.2
2" IPS	2-3/8"	2.2	2.7	4.4	6	9.9
2-1/2" CTS	2-5/8"	2	2.7	4.3	5.8	9.5
2-1/2" IPS	2-7/8"	2.1	2.8	4.2	5.8	9.5
3" CTS	3-1/8"	2	2.7	4.1	5.6	9.1
3" IPS	3-1/2"	2.1	3	4.2	5.7	9.2
3-1/2" CTS	3-5/8"	2	2.8	4.1	5.4	8.9
4" CTS	4-1/8"	2	2.8	4.1	5.4	8.7
4" IPS	4-1/2"	—	3	4.4	5.6	8.9
5" IPS	5-5/8"	—	2.8	5.1	5.3	—
6" IPS	6-5/8"	—	2.8	4.1	5.3	—
8" IPS	8-5/8"	—	2.8	4	—	—

**Engineering Notes:**

1. CTS (Copper Tube Size), IPS (Iron Pipe Size)
2. R-values calculated with k-factor of 0.265 Btu-in/hr-ft<sup>2</sup>-°F (75°F mean temp.)