

## R-VALUES

The table below provides R-values for Nomaco K-Flex polyolefin products:

Application (Pipe Size)	Insulation ID Nominal (in)	R-Values			
		3/8" Wall	1/2" Wall	3/4" Wall	1" Wall
1/4" CTS, 1/8" IPS	3/8	2.5	3.6	6.0	8.8
3/8" CTS, 1/4" IPS	1/2	2.3	3.3	5.5	8.0
1/2" CTS, 3/8" IPS	5/8	2.2	3.1	5.2	7.5
5/8" CTS, 1/2" IPS	3/4	2.1	3.0	4.9	7.1
3/4" CTS	7/8	2.0	2.9	4.7	6.8
3/4" IPS	1	2.0	2.8	4.6	6.6
1" CTS	1-1/8	1.9	2.7	4.4	6.5
1" IPS	1-1/4	1.9	2.6	4.3	6.2
1-1/4" CTS	1-3/8	1.9	2.6	4.2	6.1
1-1/2" CTS, 1-1/4" IPS	1-5/8	1.8	2.5	4.1	5.8
1-1/2" IPS	2	1.8	2.4	3.9	5.5
2" CTS	2-1/8	1.7	2.4	3.9	5.5
2" IPS	2-3/8	1.7	2.4	3.8	5.3
2-1/2" CTS	2-5/8	1.7	2.3	3.7	5.2
2-1/2" IPS	2-7/8	1.7	2.3	3.7	5.1
3" CTS	3-1/8	1.7	2.3	3.6	5.1
3" IPS	3-1/2	1.7	2.3	3.6	5.0
3-1/2" CTS	3-5/8	1.6	2.3	3.5	4.9
4" CTS	4-1/8	1.6	2.2	3.5	4.8
4" IPS	4-1/2	1.6	2.2	3.5	4.8
5" IPS					4.7
6" IPS					4.6
7" IPS					4.5
8" IPS					4.4
9" IPS					4.4
10" IPS					4.4
11" IPS					4.3
12" IPS					4.3
	Sheet	1.5	2.0	3.0	4.0

**Engineering Notes:**

1. CTS (Copper Tube Size), IPS (Iron Pipe Size)
2. R-values calculated with k-factor of 0.25 Btu-in/hr-ft<sup>2</sup>-°F (75°F mean temp.)

