

## READ THIS BEFORE YOU BUY What You Should Know About R-values

The chart shows the R-value of this insulation. R means resistance to heat flow. The higher the R-value, the greater the insulating power. Compare insulation R-values before you buy.

There are other factors to consider. The amount of insulation you need depends mainly on the climate you live in. Also, your fuel savings from insulation will depend upon the climate, the type and size of your house, the amount of insulation already in your house, your fuel use patterns and family size, proper installation of your insulation, and how tightly your house is sealed against air leaks. If you buy too much insulation, it will cost you more than what you'll save on fuel.

To get the marked R-value, it is essential that this insulation be installed properly.

R-Value	Item Order #	Width x Length	Thick Inches	Pcs. Per Bag	Sq. Ft. Per Bag
<b>ComfortTherm® Poly-wrapped - Thermal &amp; Acoustical Batts</b>					
R-13	E002	15" x 93"	3.50"	11	106.56
R-19	E004	15" x 93"	6.50"	9	87.18
R-19	E008	23" x 93"	6.50"	9	133.68
R-21	E009	15" x 93"	5.50"	7	67.81
R-30	E013	16" x 48"	10.25"	11	58.66
R-30	E010	24" x 48"	10.25"	11	88.00
<b>ComfortTherm® High Perm Poly-wrapped - Thermal &amp; Acoustical Batts</b>					
R-19	EP033	15" x 93"	6.50"	9	87.18
<b>Kraft-Faced - Thermal &amp; Acoustical Batts</b>					
R-11	K1254	15" x 93"	3.50"	16	155.00
R-11	K11154	15" x 94"	3.50"	9	88.13
R-11	K1296	15" x 105"	3.50"	16	175.00
R-11	K1255	23" x 93"	3.50"	16	237.66
R-11	K11234	23" x 94"	3.50"	9	135.13
R-13	ELK004	11" x 93"	3.50"	22	156.29
R-13	ELK009	11" x 105"	3.50"	20	160.41
R-13	K1241	15" x 93"	3.50"	11	106.56
R-13	K13154	15" x 94"	3.50"	9	88.13
R-13	K1297	15" x 105"	3.50"	11	120.31
R-13	K292	23" x 93"	3.50"	11	163.39
R-15	K1262	15" x 93"	3.50"	7	67.81
R-15	K1299	15" x 105"	3.50"	7	76.56
R-15	K1232	23" x 93"	3.50"	7	103.97
R-19	ELK005	11" x 93"	6.50"	18	127.87
R-19	K221	15" x 48"	6.50"	18	90.00
R-19	K1250	15" x 93"	6.50"	9	87.18
R-19	K19154	15" x 94"	6.50"	5	48.96
R-19	K1298	15" x 105"	6.50"	10	109.37
R-19	ELK006	19.25" x 48"	6.50"	18	115.50
R-19	K223	23" x 48"	6.50"	18	138.00
R-19	K1251	23" x 93"	6.50"	9	133.68
R-19	K19234	23" x 94"	6.50"	5	75.07
R-20	K2093	15" x 93"	5.50"	8	77.50

R-Value	Item Order #	Width x Length	Thick Inches	Pcs. Per Bag	Sq. Ft. Per Bag
R-21	K1263	15" x 93"	5.50"	7	67.81
R-21	K2115	15" x 105"	5.50"	7	76.56
R-21	K1231	23" x 93"	5.50"	7	103.97
R-25	K1220	15" x 48"	8.25"	12	60.00
R-25	K1221	23" x 48"	8.25"	12	92.00
R-30	ELK007	12" x 48"	10.25"	22	88.00
R-30	K1242	16" x 48"	10.25"	11	58.66
R-30	K1243	24" x 48"	10.25"	11	88.00
R-30	K1290	19" x 48"	10.25"	11	69.66
R-30c	K1264	15.5" x 48"	8.25"	11	56.83
R-30c	K1223	23.625" x 48"	8.25"	11	86.62
R-38	K1244	16" x 48"	12.50"	8	42.66
R-38	K1292	16" x 48"	12.00"	9	48.00
R-38	K3819	19" x 48"	12.50"	8	50.67
R-38	K1245	24" x 48"	12.50"	8	64.00
R-38	K1293	24" x 48"	12.00"	9	72.00
R-38c	K1258	15.5" x 48"	10.25"	8	41.33
R-38c	K1259	23.75" x 48"	10.25"	8	63.33
R-49	K4916	16" x 48"	13.50"	6	32.00
R-49	K4919	19" x 48"	13.50"	6	38.00
R-49	K4924	24" x 48"	13.50"	6	48.00
<b>Tabless Kraft Batts - Thermal &amp; Acoustical Batts</b>					
R-13	TK001	15.25" x 93"	3.50"	11	108.33
R-13	TK004	15.25" x 105"	3.50"	11	122.31
R-15	TK005	15.25" x 93"	3.50"	7	68.94
R-15	TK007	15.25" x 105"	3.50"	7	77.83
R-19	TK002	15.25" x 93"	6.50"	9	88.64
R-19	TK19155	15.25" x 105"	6.50"	10	111.20
R-21	TK006	15.25" x 93"	5.50"	7	68.94
R-21	TK008	15.25" x 105"	5.50"	7	77.83
R-23	TK23153	15.25" x 93"	5.50"	5	49.32
<b>Unfaced - Thermal &amp; Acoustical Batts</b>					
R-11	U11115	11" x 105"	3.50"	32	256.67
R-11	U1339	15" x 93"	3.50"	16	155.00
R-11	U1368	15" x 105"	3.50"	16	175.00

R-19 installed in a 2x6 framed wall (5 1/2" cavity) is compressed in this application giving R-17 to R-18.  
 For product questions including availability, please contact your Johns Manville representative.

R-Value	Item Order #	Width x Length	Thick Inches	Pcs. Per Bag	Sq. Ft. Per Bag
R-11	U1395	19" x 93"	3.50"	16	196.33
R-11	U1340	23" x 93"	3.50"	16	237.66
R-13	U13115	11" x 105"	3.50"	20	160.41
R-13	U1330	15" x 93"	3.50"	11	106.56
R-13	U1369	15" x 105"	3.50"	11	120.31
R-13	U1354	23" x 93"	3.50"	11	163.39
R-15	U1319	15" x 93"	3.50"	7	67.81
R-15	U1371	15" x 105"	3.50"	7	76.56
R-15	U1327	23" x 93"	3.50"	7	103.97
R-19	U19115	11" x 105"	6.50"	18	144.38
R-19	U305	15" x 48"	6.50"	18	90.00
R-19	U1331	15" x 93"	6.50"	9	87.18
R-19	U1312	19" x 48"	6.50"	18	114.00
R-19	U307	23" x 48"	6.50"	18	138.00
R-19	U1332	23" x 93"	6.50"	9	133.68
R-19	U1370	15" x 105"	6.50"	10	109.37
R-20	U2093	15" x 93"	5.50"	8	77.50
R-20	U2005	15" x 105"	5.50"	8	87.50
R-21	U1345	15" x 90"	5.50"	7	65.62
R-21	U1321	15" x 93"	5.50"	7	67.81
R-21	U2105	15" x 105"	5.50"	7	76.56
R-21	U1322	23" x 93"	5.50"	7	103.97
R-22	U338	15" x 48"	7.50"	15	75.00
R-22	U1349	24" x 48"	7.50"	15	120.00
R-23	U23159	15" x 93"	5.50"	5	48.44
R-30	U1343	16" x 48"	10.25"	11	58.66
R-30	U1344	24" x 48"	10.25"	11	88.00
R-30	U1390	19" x 48"	10.25"	11	69.66
R-30c	U1323	15.5" x 48"	8.25"	11	56.83
R-30c	U1324	23.625" x 48"	8.25"	11	86.62
R-38	U361	16" x 48"	12.50"	8	42.66
R-38	U1374	16" x 48"	12.00"	9	48.00
R-38	U3819	19" x 48"	12.50"	8	50.67
R-38	U1375	19" x 48"	12.00"	9	57.00
R-38	U366	24" x 48"	12.50"	8	64.00
R-38	U1373	24" x 48"	12.00"	9	72.00
R-38c	U1347	15.5" x 48"	10.25"	8	41.33
R-38c	U1348	23.75" x 48"	10.25"	8	63.33
R-38c	U3824	24" x 48"	10.25"	8	64.00
R-49	U4916	16" x 48"	13.50"	6	32.00
R-49	U4924	24" x 48"	13.50"	6	48.00
<b>ComfortTherm® Poly-wrapped Batts/Rolls - Narrow Rolls</b>					
R-13	B011	15" x 32'	3.50"	1	40.00
<b>ComfortTherm® High Perm Poly-wrapped (No Vapor Retarder) - Narrow Rolls</b>					
R-13	BP032	15" x 32'	3.50"	1	40.00
<b>Kraft-Faced Rolls - Narrow Rolls</b>					
R-11	B809	15" x 40'	3.50"	1	50.00
R-11	B232	15" x 70'6"	3.50"	1	88.13
R-11	B234	23" x 70'6"	3.50"	1	135.12
R-13	B1284	15" x 32'	3.50"	1	40.00
R-22	B2215	15" x 35'	7.50"	1	43.75
R-19	B240	15" x 39'2"	6.50"	1	48.96
R-19	B242	23" x 39'2"	6.50"	1	75.07

R-Value	Item Order #	Width x Length	Thick Inches	Pcs. Per Bag	Sq. Ft. Per Bag
<b>Unfaced Rolls - Narrow Rolls</b>					
R-11	B385	15" x 40'	3.50"	1	50.00
R-19	B373	15" x 39'2"	6.50"	1	48.96
R-19	B374	23" x 39'2"	6.50"	1	75.07
R-30	B390	15" x 25'	9.25"	1	31.25
R-30	B393	23" x 25'	9.25"	1	47.91
<b>Unfaced - Sound-SHIELD® Sound Attenuation Blanket</b>					
N/A	AU1622	16" x 96"	2.75"	24	256.00
N/A	AU2422	24" x 96"	2.75"	24	384.00
<b>ComfortTherm® Poly-wrapped - Thermal &amp; Acoustical Batts</b>					
R-11	CE004	24" x 48"	3.625"	32	256.00
R-13	CE003	16" x 96"	3.50"	11	117.33
R-19	CE005	16" x 48"	6.50"	18	96.00
R-19	CE006	24" x 48"	6.50"	18	144.00
<b>FSK-25 Faced (Reinforced Flame Resistant) - Thermal &amp; Acoustical Batts</b>					
R-11	FSK477	16" x 96"	3.625"	16	170.66
R-13	FSK454	16" x 96"	3.625"	11	117.33
R-13	FSK495	24" x 96"	3.625"	11	176.00
R-19	FSK440	15" x 48"	6.50"	18	90.00
R-19	FSK443	16" x 48"	6.50"	18	96.00
R-19	FSK491	16" x 96"	6.50"	9	96.00
R-19	FSK444	24" x 48"	6.50"	18	144.00
R-19	FSK493	24" x 96"	6.50"	9	144.00
R-21	FSK2115	15" x 93"	5.50"	7	67.81
R-21	FSK217	16" x 96"	5.50"	7	74.66
R-30	FSK411	16" x 48"	10.25"	11	58.66
R-30	FSK410	24" x 48"	10.25"	11	88.00
R-38	FSK3816	16" x 48"	12.00"	8	42.66
R-38	FSK496 - Ex. Tab	24" x 48"	12.50"	8	64.00
<b>Plain Foil-Faced - Thermal &amp; Acoustical Batts</b>					
R-11	F195	16" x 96"	3.625"	16	170.66
R-13	F1103	16" x 96"	3.625"	11	117.33
R-19	F197	16" x 96"	6.50"	9	96.00
R-19	F198	24" x 96"	6.50"	9	144.00
R-30	F157	24" x 48"	10.25"	11	88.00
<b>Kraft-Faced - Thermal &amp; Acoustical Batts</b>					
R-11	K803	16" x 96"	3.625"	16	170.66
R-11	K804	24" x 96"	3.625"	16	256.00
R-13	K1205	16" x 96"	3.625"	11	117.33
R-13	K1278	24" x 96"	3.625"	11	176.00
R-15	K1516	16" x 96"	3.50"	7	74.66
R-19	K833	16" x 96"	6.50"	9	96.00
R-19	AK016	24" x 47.5"	6.50"	18	142.50
R-19	K259	24" x 48"	6.50"	18	144.00
R-19	K834	24" x 96"	6.50"	9	144.00
R-21	K2116	16" x 96"	5.50"	7	74.66
R-21	K2124	24" x 96"	5.50"	7	112.00
<b>Unfaced - Thermal &amp; Acoustical Batts</b>					
R-11	AU397	16" x 96"	3.625"	16	170.66
R-11	AU024	24" x 47.5"	3.625"	32	253.33
R-11	AU398	24" x 96"	3.625"	16	256.00
R-13	U1314	16" x 96"	3.625"	11	117.33

R-19 installed in a 2x6 framed wall (5 1/2" cavity) is compressed in this application giving R-17 to R-18.  
For product questions including availability, please contact your Johns Manville representative.

R-Value	Item Order #	Width x Length	Thick Inches	Pcs. Per Bag	Sq. Ft. Per Bag
R-13	U1315	24" x 96"	3.625"	11	176.00
R-15	U1516	16" x 96"	3.50"	7	74.66
R-19	U332	16" x 48"	6.50"	18	96.00
R-19	AU395	16" x 96"	6.50"	9	96.00
R-19	AU333	24" x 48"	6.50"	18	144.00
R-19	AU396	24" x 96"	6.50"	9	144.00
R-21	U1387	16" x 96"	5.50"	7	74.66
R-21	U1388	24" x 96"	5.50"	7	112.00
R-25	U1358	16" x 96"	8.25"	6	64.00
R-25	U1372	16" x 48"	8.25"	12	64.00
R-25	U1359	24" x 96"	8.25"	6	96.00
R-30	U1393	24" x 45.5"	10.25"	11	83.42

R-Value	Item Order #	Width x Length	Thick Inches	Pcs. Per Bag	Sq. Ft. Per Bag
<b>Climate Pro®</b>					
N/A	B7600			1	73.00
<b>PSK Faced Rolls</b>					
R-19	B798	48" x 60'	6.50"	1	240.00
R-11	B1160	60" x 50'	3.50"	1	250.00
R-11	B702	72" x 50'	3.50"	1	300.00
R-11	B707	48" x 50'	3.50"	1	200.00
R-19	B709	48" x 60'	6.50"	1	240.00
<b>Panel Deck</b>					
R-19	FSK448 - Ex. Tab	23" x 93"	6.50"	9	133.68
R-30	FSK418 - Ex. Tab	24" x 48"	10.25"	11	88.00
R-19	PSK102 - Ex. Tab	23" x 96"	6.25"	9	138.00

R-19 installed in a 2x6 framed wall (5 1/2" cavity) is compressed in this application giving R-17 to R-18.  
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Technical specifications as shown in this literature are intended to be used as general guidelines only. Please refer to the Safety Data Sheet and product label prior to using this product. The physical and chemical properties of closed-cell spray polyurethane foam listed herein represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Any references to numerical flame spread or smoke developed ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions. Check with the sales office nearest you for current information. **All Johns Manville products are sold subject to Johns Manville's standard Terms and Conditions, which includes a Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville standard Terms and Conditions or for information on other Johns Manville insulation and systems, visit [www2.jm.com/terms-conditions](http://www2.jm.com/terms-conditions) or call 800-654-3103.**